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Anti-Influenza B Virus Nucleoprotein Monoclonal Antibodies

61 clones

Updated on July 26, 2015

Table 2. Essential Characteristics of BMR Anti-Influenza B Virus Nucleoprotein Monoclonal Antibodies (Reactivity order) Updated on May 24, 2015

BMR Catalog No.	BMR Clone No.	Mouse Ig Isotype	Reactivity in CELIXSYS* method (%) : antibody conc.=0.2ug/ml											
			Inactivated virus **							Cultured virus ***				Embryonated egg cultured
			Victoria-Lineage		?	?	Yamagata-Lineage						Yamagata-lineage	
			B/Malaysia/2506/2004	B/Brisbane/60/2008	B/Qingdao/102/91	B/Tokio/53/99	B/Victoria/504/00	B/Wisconsin/01/2010	B/Massachusetts/2/2012	7	8	9	B/Shanghai/361/02	
1	BMRib010	FLB-1653	IgG1	96	95	99	99	100	96	97	99	95	99	99
2	BMRib056	F2B-461	IgG1	97	96	100	98	100	95	94	97	94	98	99
3	BMRib061	F2B-2199	IgG1	96	95	98	97	99	97	95	92	88	92	97
4	BMRib065	F2B-4349	IgG2a	92	95	100	99	99	95	96	99	96	99	95
5	BMRib059	F2B-1817	IgG2a	93	94	99	98	99	96	95	97	95	99	95
6	BMRib062	F2B-2606	IgG2a	91	92	97	97	99	98	97	95	95	98	92
7	BMRib030	F1B-154	IgG2a	95	94	95	96	97	95	96	95	91	94	93
8	BMRib031	F1B-344	IgG2a	95	96	95	96	97	93	95	94	91	94	94
9	BMRib042	F1B-1509	IgG1	91	92	97	97	99	95	96	97	96	100	93
10	BMRib004	FLB-103	IgG1	95	94	96	96	99	90	95	93	90	93	95
11	BMRib063	F2B-3798	IgG2a	91	92	98	94	98	96	96	92	92	95	95
12	BMRib057	F2B-1261	IgG2a	94	92	95	96	98	96	95	95	94	97	92
13	BMRib029	F1B-151	IgG2a	94	93	96	95	97	94	95	90	90	92	92
14	BMRib033	F1B-443	IgG2a	93	93	95	95	97	97	94	96	95	98	94
15	BMRib051	F1B-2982	IgG2b	92	93	98	97	99	91	92	98	94	96	95
16	BMRib034	F1B-733	IgG1	94	94	97	96	98	92	92	95	92	94	91
17	BMRib060	F2B-1966	IgG2b	93	92	98	97	98	90	91	98	94	96	93
18	BMRib049	F1B-2743	IgG2b	95	93	97	97	100	85	91	95	92	95	95
19	BMRib054	F1B-3559	IgG2a	94	94	90	93	96	92	96	85	85	90	92
20	BMRib005	FLB-826	IgG2a	89	90	98	96	97	90	91	92	92	95	90
21	BMRib040	F1B-1382	IgG2a	91	94	94	84	98	94	97	85	87	91	97
22	BMRib009	FLB-1232	IgG2b	87	86	96	96	98	93	92	93	92	96	95
23	BMRib018	FLB-747	IgG2b	88	87	96	96	99	91	90	94	93	96	94
24	BMRib008	FLB-1167	IgG2b	94	94	90	93	94	91	91	91	89	92	96
25	BMRib048	F1B-2526	IgG2b	92	89	97	97	99	86	88	94	88	92	89
26	BMRib046	F1B-1839	IgG2a	94	94	89	91	95	87	95	85	84	89	93
27	BMRib007	FLB-1056	IgG2b	88	87	95	96	98	90	89	93	92	95	93
28	BMRib011	FLB-1895	IgG2b	86	85	95	95	98	93	91	92	91	94	94
29	BMRib053	F1B-3554	IgG2a	92	90	90	87	95	94	93	89	87	91	88
30	BMRib055	F1B-3880	IgG2a	89	94	87	91	96	90	95	84	83	87	93
31	BMRib013	FLB-2827	IgG2a	94	93	87	91	93	92	93	84	86	91	95
32	BMRib044	F1B-1694	IgG2a	92	91	92	86	94	95	92	90	87	89	89
33	BMRib052	F1B-3516	IgG2b	93	91	94	94	97	83	88	92	90	93	92
34	BMRib050	F1B-2941	IgG2a	91	90	86	93	96	91	91	87	86	90	92
35	BMRib038	F1B-1056	IgG2b	88	87	95	92	97	88	90	94	91	92	87
36	BMRib064	F2B-3843	IgG2a	91	89	93	91	97	87	88	84	81	83	85
37	BMRib047	F1B-2139	IgG2b	90	88	92	89	97	90	90	91	86	89	87
38	BMRib058	F2B-1313	IgG2a	91	89	92	93	96	87	88	87	83	87	90
39	BMRib024	FLB-1844	IgG2a	91	92	91	85	92	90	91	81	78	86	89
40	BMRib014	FLB-2864	IgG2b	92	91	87	92	94	84	88	85	85	88	95
41	BMRib041	F1B-1496	IgG2a	94	94	85	86	93	82	95	79	79	84	90
42	BMRib035	F1B-780	IgG2a	91	91	89	80	90	94	92	88	87	89	84
43	BMRib036	F1B-837	IgG2b	87	85	96	94	95	88	80	90	88	89	85
44	BMRib019	FLB-855	IgG2b	86	86	93	94	96	84	85	93	91	94	90
45	BMRib039	F1B-1344	IgG2a	93	93	86	90	95	73	87	88	86	89	88
46	BMRib026	FLB-2075	IgG2a	95	95	75	78	82	95	95	82	84	88	93
47	BMRib032	F1B-414	IgG2b	86	84	96	94	97	79	77	88	82	87	81
48	BMRib025	FLB-1931	IgG2a	95	94	73	78	80	94	95	80	81	84	92
49	BMRib043	F1B-1618	IgG1	86	86	90	93	94	77	81	93	90	93	87
50	BMRib028	FLB-3635	IgG2a	90	89	80	81	87	88	90	79	79	84	89
51	BMRib015	FLB-2952	IgG1	87	84	86	97	89	79	79	50	51	59	78
52	BMRib022	FLB-1586	IgG2a	94	94	72	77	77	92	95	83	81	86	92
53	BMRib012	FLB-1921	IgG2b	83	80	92	95	96	77	77	87	84	83	76
54	BMRib021	FLB-1352	IgG2a	94	94	69	75	77	92	95	77	79	83	93
55	BMRib045	F1B-1777	IgG2a	84	88	76	74	89	91	87	64	66	74	95
56	BMRib066	F2B-5202	IgG1	84	88	85	58	90	84	83	73	76	80	79
57	BMRib001	FLB-431	IgG1	90	88	70	71	71	88	90	70	70	74	84
58	BMRib023	FLB-1637	IgG2a	92	92	58	59	59	90	93	69	70	75	87
59	BMRib016	FLB-171	IgG2a	88	89	67	42	32	84	86	89	75	73	85
60	BMRib020	FLB-1287	IgG2a	71	60	69	82	88	37	41	74	72	73	71
61	BMRib037	F1B-1000	IgG2b	59	55	71	46	41	53	54	82	79	78	59
Commercial clone	Ref. #9901	IgG2b	93	92	97	96	97	84	83	83	94	93	95	72
Commercial clone	Ref. #1171	IgG2b	82	78	88	91	91	79	75	75	72	67	70	96
Control	NC	Reagent Blank	0	0	0	0	0	0	0	0	0	0	0	0
Control	PC	Positive control	100	100	100	100	100	100	100	100	100	100	100	100

* The CELIXSYS method is an immuno-precipitation-equivalent method. The figure represents the strength of reactivity of monoclonal antibodies to each Influenza B virus nucleoprotein.

The higher the figure, the stronger the reactivity of the antibody.

** Inactivated virus: treated with formaldehyde; some epitopes may be altered or destroyed.

*** Cultured virus: treated with detergent and solubilized.

Recommended clones

Summary of Technical Data Sheet for BMR Anti-Influenza B Monoclonal Antibody (61 clones)

List of headings	1	2	3	4
BMR Catalog No.	BMRib001	BMRib004	BMRib005	BMRib007
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-431	FLB-103	FLB-826	FLB-1056
Isotype	IgG1	IgG1	IgG2a	IgG2b
Lot Number	FLB431-003	FLB103-002	FLB826-004	MM49055-39
Concentration	2.7 mg/mL	4.7 mg/mL	3.6 mg/mL	5.1 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: membrane Ab or conjugate Ab	Immunochromatography: conjugate Ab	Immunochromatography: membrane Ab	Immunochromatography: membrane Ab
Usage Recommendations	Immunochromatography: Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-171, FLB-431, FLB-826, FLB-855 or FLB-747. Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.	Immunochromatography: Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431 or FLB-171.	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA. Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.
Additional Information	The immunochromatography method was experimentally conducted using the clone FLB-431 conjugated to latex beads paired with the clones: FLB-171, FLB-431, FLB-826, FLB-855 or FLB-747 sensitized on a membrane.			The immunochromatography method was experimentally conducted using the clone FLB-1056 conjugated to latex beads paired with the clone FLB-431 sensitized on a membrane.

NA: Not assayed

61-4=57 clones

Method of Purification: Protein G affinity purification for small sample preparation, and protein A affinity purification for larger scale manufacture.

Summary of Tech

List of headings	5	6	7	8
BMR Catalog No.	BMRib008	BMRib009	BMRib010	BMRib011
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1167	FLB-1232	FLB-1653	FLB-1895
Isotype	IgG2b	IgG2b	IgG1	IgG2b
Lot Number	MM48121	Depend on the purification Lot	MM48105	Depend on the purification Lot
Concentration	5.4 mg/mL	1~5 mg/mL depending on the purification Lot.	5.3 mg/mL	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A affinity purification	Protein A or G affinity purification	Protein A affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.09% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.09% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: membrane Ab or conjugate Ab			
Usage Recommendations	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-1921, FLB-431, FLB-103, FLB-1931, FLB-1856, FLB-2952 or FLB-1167. Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167 or FLB-2864.			
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.09% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA. Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.			
Additional Information	The immunochromatography method was conducted using the clone FLB-1167 sensitized on a membrane paired with the clone FLB-1921 conjugated with colloidal gold.			

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	9	10	11	12
BMR Catalog No.	BMRib012	BMRib013	BMRib014	BMRib015
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1921	FLB-2827	FLB-2864	FLB-2952
Isotype	IgG2b	IgG2a	IgG2b	IgG1
Lot Number	MM48099	Depend on the purification Lot	FLB2864-002	FLB2952-002
Concentration	5.3 mg/mL	1~5 mg/mL depending on the purification Lot.	4.2 mg/mL	3.4 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A affinity purification	Protein A or G affinity purification	Protein G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.09% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Sandwich ELISA: capture Ab, Immunochromatography: conjugate Ab		Immunochromatography: membrane Ab	Immunochromatography: conjugate Ab
Usage Recommendations	Immunochromatography: Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167. Sandwich ELISA: Capture (solid) antibody: paired with the detector (conjugate) antibody F2B-3843 or FLB-3635		Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431, FLB-1844, FLB-1167 or FLB-2952	Immunochromatography: Detector (conjugate) antibody: paired with capture(membrane) antibodies FLB-1167 or FLB-2864.
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.09% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.		Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.
Additional Information	The sandwich ELISA method was performed by the avidin-biotin system. The immunochromatography method was conducted using the clone FLB-1921 conjugated with colloidal gold paired with the clone FLB-1167 sensitized on a membrane.			

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	13	14	15	16
BMR Catalog No.	BMRib016	BMRib018	BMRib019	BMRib020
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-171	FLB-747	FLB-855	FLB-1287
Isotype	IgG2a	IgG2b	IgG2b	IgG2a
Lot Number	FLB171-002	MM48226	FLB855-002	Depend on the purification Lot
Concentration	3.3 mg/ML	5.1 mg/mL	3.4 mg/mL	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant		Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	G affinity purification	Protein A affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃	Protein A purified and supplied as a liquid in PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: membrane Ab	Immunochromatography: membrane Ab. Sandwich ELISA: capture Ab	Immunochromatography: membrane Ab	
Usage Recommendations	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.	Immunochromatography: Capture (membrane) antibody: paired with detector (membrane) antibody FLB-431. Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibody FLB-3635	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.	
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA. Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	
Additional Information		The sandwich ELISA method was performed by the avidin-biotin system. The immunochromatography method was conducted using the clone FLB-747 conjugated with colloidal gold paired with the clone FLB-431 sensitized on a membrane.		

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	17	18	19	20
BMR Catalog No.	BMRib021	BMRib022	BMRib023	BMRib024
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1352	FLB-1586	FLB-1637	FLB-1844
Isotype	IgG2a	IgG2a	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	FLB1586-002	Depend on the purification Lot	FLB1844-003
Concentration	1~5 mg/mL depending on the purification Lot.	4.4 mg/mL	1~5 mg/mL depending on the purification Lot.	2.9 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications		Immunochromatography: conjugate Ab		Immunochromatography: membrane Ab or conjugate Ab
Usage Recommendations		Immunochromatography: Detector (conjugate) antibody: paired with capture(membrane) antibody FLB-1167.		Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431. Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-2864.
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information		Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA. Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.
Additional Information			The immunochromatography method was conducted using the clone FLB-431 sensitized on a membrane paired with the clone FLB-747 conjugated with colloidal gold.	

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	21	22	23	24
BMR Catalog No.	BMRib025	BMRib026	BMRib028	BMRib029
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1931	FLB-2075	FLB-3635	F1B-151
Isotype	IgG2a	IgG2a	IgG2a	IgG2a
Lot Number	FLB1931-002	MM48069	Depend on the purification Lot	Depend on the purification Lot
Concentration	3.6 mg/mL	5.2 mg/mL	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein G affinity purification	Protein A affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.09% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: conjugate Ab	Immunochromatography	Sandwich ELISA: conjugate Ab	
Usage Recommendations	Immunochromatography: Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.	Immunochromatography: FLB-1653	Sandwich ELISA Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-1777 or FLB-747	
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.09% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.	
Additional Information	The immunochromatography method was conducted using the clone FLB-1931 conjugated with colloidal gold paired with the clone FLB-1167 sensitized on a membrane.	The immunochromatography method was conducted using the clone FLB-1931 conjugated with colloidal gold paired with the clone FLB-1167 sensitized on a membrane.	The sandwich ELISA method was performed by the avidin-biotin system.	

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	25	26	27	28
BMR Catalog No.	BMRib030	BMRib031	BMRib032	BMRib033
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-154	F1B-344	F1B-414	F1B-443
Isotype	IgG2a	IgG2a	IgG2b	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	29	30	31	32
BMR Catalog No.	BMRib034	BMRib035	BMRib036	BMRib037
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-733	F1B-780	F1B-837	F1B-1000
Isotype	IgG1	IgG2a	IgG2b	IgG2b
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	33	34	35	36
BMR Catalog No.	BMRib038	BMRib039	BMRib040	BMRib041
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-1056	F1B-1344	F1B-1382	F1B-1496
Isotype	IgG2b	IgG2a	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	F1B1496-001
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	3.9 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	37	38	39	40
BMR Catalog No.	BMRib042	BMRib043	BMRib044	BMRib045
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-1509	F1B-1618	F1B-1694	F1B-1777
Isotype	IgG1	IgG1	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% Na ₃ N or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% Na ₃ N
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Sandwich ELISA: capture Ab,	Sandwich ELISA: capture Ab,		Sandwich ELISA: capture Ab
Usage Recommendations	Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843	Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843 or FLB-3635		Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibodies F2B-3843 or FLB-3635
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.		The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.
Additional Information	The sandwich ELISA method was performed by the avidin-biotin system.	The sandwich ELISA method was performed by the avidin-biotin system.		The sandwich ELISA method was performed by the avidin-biotin system.

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	41	42	43	44
BMR Catalog No.	BMRib046	BMRib047	BMRib048	BMRib049
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-1839	F1B-2139	F1B-2526	F1B-2743
Isotype	IgG2a	IgG2b	IgG2b	IgG2b
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	45	46	47	48
BMR Catalog No.	BMRib050	BMRib051	BMRib052	BMRib053
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-2941	F1B-2982	F1B-3516	F1B-3554
Isotype	IgG2a	IgG2b	IgG2b	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	49	50	51	52
BMR Catalog No.	BMRib054	BMRib055	BMRib056	BMRib057
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-3559	F1B-3880	F2B-461	F2B-1261
Isotype	IgG2a	IgG2a	IgG1	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	F2B461-003	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	4.2 mg/mL	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	53	54	55	56
BMR Catalog No.	BMRib058	BMRib059	BMRib060	BMRib061
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F2B-1313	F2B-1817	F2B-1966	F2B-2199
Isotype	IgG2a	IgG2a	IgG2b	IgG1
Lot Number	Depend on the purification Lot	F2B1817-001	Depend on the purification Lot	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.	3.0 mg/mL	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	57	58	59	60
BMR Catalog No.	BMRib062	BMRib063	BMRib064	BMRib065
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F2B-2606	F2B-3798	F2B-3843	F2B-4349
Isotype	IgG2a	IgG2a	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	F2B4349-001
Concentration	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	1~5 mg/mL depending on the purification Lot.	3.4 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃	Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications			Sandwich ELISA	
Usage Recommendations			Sandwich ELISA: Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-1509 or F1B-1777	
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information			The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.	
Additional Information			The sandwich ELISA method was performed by the avidin-biotin system.	

NA: Not assayed
Method of Purification: Protein G

Summary of Tech

List of headings	61
BMR Catalog No.	BMRib066
Product Name	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F2B-5202
Isotype	IgG1
Lot Number	Depend on the purification Lot
Concentration	1~5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification
Size	1mg ~
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in PBS(-) ; pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ and 0.05% NaN ₃ or PBS ; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.05% NaN ₃
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	
Usage Recommendations	
Contaminants	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA
Bioactivity	NA
Assay Information	
Additional Information	

NA: Not assayed
Method of Purification: Protein G



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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib001

CLONE NUMBER: **FLB-431**

SUBCLASS: IgG1

LOT NUMBER: FLB431-003

CONCENTRATION: **2.7 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab or conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-171, FLB-431, FLB-826, FLB-855 or FLB-747.
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.



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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib004

CLONE NUMBER: **FLB-103**

SUBCLASS: IgG1

LOT NUMBER: FLB103-002

CONCENTRATION: **4.7 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Detector (conjugate) antibody: paired with capture(membrane) antibody FLB-1167.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib005

CLONE NUMBER: **FLB-826**

SUBCLASS: IgG2a

LOT NUMBER: FLB826-004

CONCENTRATION: **3.6 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431 or FLB-171.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib007

CLONE NUMBER: **FLB-1056**

SUBCLASS: IgG2b

LOT NUMBER: MM49055-39

CONCENTRATION: **5.1 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib008

CLONE NUMBER: **FLB-1167**

SUBCLASS: IgG2b

LOT NUMBER: MM48121

CONCENTRATION: **5.4 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.09% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab or conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-1921, FLB-431, FLB-103, FLB-1931, FLB-1856, FLB-2952 or FLB-1167.
Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167 or FLB-2864.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.
USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.



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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib009

CLONE NUMBER: **FLB-1232**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib010
CLONE NUMBER:	FLB-1653
SUBCLASS:	IgG1
LOT NUMBER:	MM48105
CONCENTRATION:	5.3 mg/mL (OD280nm, E ^{0.1%} =1.38)
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus: B/Malaysia/2506/2004
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
61 clones	Not determined
FORM & BUFFER:	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH ₂ PO ₄ & Na ₂ HPO ₄), 150mM NaCl, 0.09% NaN ₃
PRESERVATIVE:	0.09% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib011

CLONE NUMBER: **FLB-1895**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: 0.0 mg/ml

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib012

CLONE NUMBER: **FLB-1921**

SUBCLASS: IgG2b

LOT NUMBER: MM48099

CONCENTRATION: **5.3 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.09% NaN₃

PRESERVATIVE: 0.09% NaN₃

APPLICATIONS: Sandwich ELISA: capture Ab, Immunochromatography: conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.

Sandwich ELISA:
Capture (solid) antibody: paired with the detector (conjugate) antibody F2B-3843 or FLB-3635

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib013

CLONE NUMBER: **FLB-2827**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib014

CLONE NUMBER: **FLB-2864**

SUBCLASS: IgG2b

LOT NUMBER: FLB2864-002

CONCENTRATION: **4.2 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431, FLB-1844, FLB-1167 or FLB-2952

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib015

CLONE NUMBER: **FLB-2952**

SUBCLASS: IgG1

LOT NUMBER: FLB2952-002

CONCENTRATION: **3.4 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Detector (conjugate) antibody: paired with capture(membrane) antibodies FLB-1167 or FLB-2864.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib016

CLONE NUMBER: **FLB-171**

SUBCLASS: IgG2a

LOT NUMBER: FLB171-002

CONCENTRATION: **3.3 mg/ML**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: 0

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib018

CLONE NUMBER: **FLB-747**

SUBCLASS: IgG2b

LOT NUMBER: MM48226

CONCENTRATION: **5.1 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab.Sandwich ELISA: capture Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (membrane) antibody FLB-431.

Sandwich ELISA:
Capture (solid) antibody: paired with detector (conjugate) antibody FLB-3635

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib019

CLONE NUMBER: **FLB-855**

SUBCLASS: IgG2b

LOT NUMBER: FLB855-002

CONCENTRATION: **3.4 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib020

CLONE NUMBER: **FLB-1287**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib021

CLONE NUMBER: **FLB-1352**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib022

CLONE NUMBER: **FLB-1586**

SUBCLASS: IgG2a

LOT NUMBER: FLB1586-002

CONCENTRATION: **4.4 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Detector (conjugate) antibody: paired with capture(membrane) antibody FLB-1167.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.
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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib023

CLONE NUMBER: **FLB-1637**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib024

CLONE NUMBER: **FLB-1844**

SUBCLASS: IgG2a

LOT NUMBER: FLB1844-003

CONCENTRATION: **2.9 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: membrane Ab or conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.
Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-2864.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib025

CLONE NUMBER: **FLB-1931**

SUBCLASS: IgG2a

LOT NUMBER: FLB1931-002

CONCENTRATION: **3.6 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Immunochromatography: conjugate Ab

USAGE RECOMMENDATIONS: Immunochromatography:
Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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New

MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib026

CLONE NUMBER: **FLB-2075**

SUBCLASS: IgG2a

LOT NUMBER: MM48069

CONCENTRATION: **5.2 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.09% NaN₃

PRESERVATIVE: 0.09% NaN₃

APPLICATIONS: Immunochromatography

USAGE RECOMMENDATIONS: Immunochromatography:
FLB-1653

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib028

CLONE NUMBER: **FLB-3635**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Sandwich ELISA: conjugate Ab

USAGE RECOMMENDATIONS: Sandwich ELISA
Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-1777 or FLB-747

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib029

CLONE NUMBER: **F1B-151**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib030

CLONE NUMBER: **F1B-154**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib031

CLONE NUMBER: **F1B-344**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib032

CLONE NUMBER: **F1B-414**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib033

CLONE NUMBER: **F1B-443**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib034

CLONE NUMBER: F1B-733

SUBCLASS: IgG1

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: 1~5 mg/mL depending on the purification Lot.
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib035

CLONE NUMBER: **F1B-780**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.
USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.



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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib036

CLONE NUMBER: **F1B-837**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib037

CLONE NUMBER: **F1B-1000**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib038

CLONE NUMBER: **F1B-1056**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib039

CLONE NUMBER: **F1B-1344**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib040

CLONE NUMBER: **F1B-1382**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib041

CLONE NUMBER: **F1B-1496**

SUBCLASS: IgG2a

LOT NUMBER: F1B1496-001

CONCENTRATION: **3.9 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: 0

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib042

CLONE NUMBER: **F1B-1509**

SUBCLASS: IgG1

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Sandwich ELISA: capture Ab,

USAGE RECOMMENDATIONS: Sandwich ELISA:
Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib043

CLONE NUMBER: **F1B-1618**

SUBCLASS: IgG1

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Sandwich ELISA: capture Ab,

USAGE RECOMMENDATIONS: Sandwich ELISA:
Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843 or FLB-3635

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib044

CLONE NUMBER: **F1B-1694**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib045

CLONE NUMBER: **F1B-1777**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Sandwich ELISA: capture Ab

USAGE RECOMMENDATIONS: Sandwich ELISA:
Capture (solid) antibody: paired with detector (conjugate) antibodies F2B-3843 or FLB-3635

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib046

CLONE NUMBER: F1B-1839

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: 1~5 mg/mL depending on the purification Lot.
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib047

CLONE NUMBER: F1B-2139

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: 1~5 mg/mL depending on the purification Lot.
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.
USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.



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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib048

CLONE NUMBER: **F1B-2526**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib049

CLONE NUMBER: **F1B-2743**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib050

CLONE NUMBER: **F1B-2941**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib051

CLONE NUMBER: **F1B-2982**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib052

CLONE NUMBER: **F1B-3516**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib053

CLONE NUMBER: **F1B-3554**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib054

CLONE NUMBER: **F1B-3559**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib055

CLONE NUMBER: **F1B-3880**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib056

CLONE NUMBER: **F2B-461**

SUBCLASS: IgG1

LOT NUMBER: F2B461-003

CONCENTRATION: **4.2 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: 0

USAGE RECOMMENDATIONS:

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib057

CLONE NUMBER: **F2B-1261**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib058

CLONE NUMBER: **F2B-1313**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: **Influenza B Virus (NP) Antibody**

CATALOG NUMBER: BMRib059

CLONE NUMBER: **F2B-1817**

SUBCLASS: IgG2a

LOT NUMBER: F2B1817-001

CONCENTRATION: **3.0 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: 0

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

CAUTION: Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.
USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.



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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib060

CLONE NUMBER: **F2B-1966**

SUBCLASS: IgG2b

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib061

CLONE NUMBER: **F2B-2199**

SUBCLASS: IgG1

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib062

CLONE NUMBER: **F2B-2606**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib063

CLONE NUMBER: **F2B-3798**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib064

CLONE NUMBER: **F2B-3843**

SUBCLASS: IgG2a

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: Sandwich ELISA

USAGE RECOMMENDATIONS: Sandwich ELISA:
Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-1509 or F1B-1777

STORAGE: Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib065

CLONE NUMBER: **F2B-4349**

SUBCLASS: IgG2a

LOT NUMBER: F2B4349-001

CONCENTRATION: **3.4 mg/mL**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS: 0

USAGE RECOMMENDATIONS:

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib066

CLONE NUMBER: **F2B-5202**

SUBCLASS: IgG1

LOT NUMBER: Depend on the purification Lot

CONCENTRATION: **1~5 mg/mL depending on the purification Lot.**
(OD280nm, E^{0.1%}=1.38)

HOST: Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.
Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008

SPECIFICITY: Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

GRADE & PURITY: In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

AFFINITY: Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH₂PO₄, 140mM NaCl, 8.0mM Na₂HPO₄ and 0.05% NaN₃ or PBS; pH7.4, 10mM (NaH₂PO₄ & Na₂HPO₄), 150mM NaCl, 0.05% NaN₃

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

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