



Bio Matrix Research Inc.
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Anti-Zika NS1 Monoclonal Antibodies

35 clones

Essential Characteristic of Anti-Zika Virus NS1 Monoclonal antibodies

Summarized on
January 15, 2020

Cat No.	Clone No.	Mouse Ig Isotype	Native NS1 proteins on CELIXSYS * method [IP-equivalent method expressed in (%)]							Recombinant proteins on Ag-ELISA method (O.D.490nm)								Inhibition test on ZIKV NS1 Ag-ELISA method			Remarks	
			IgG Concentration = 10ug/mL							IgG Conc 1µg/mL								Inhibited mAbs				
			ZIKV NS1		Cross Reactivity to other NS1 protein					ZIKV NS1	Cross Reactivity to other NS1 proteins						ZK1-2486	ZK1-1726	ZK1-852			
			Paraiba	RGN	DENV1	DENV2	DENV3	DENV4	JEV		DENV1	DENV2	DENV3	DENV4	JEV	WNV				YFV		
1	BMRzk024	ZK1-2508	IgG2a	98	96	0	2	0	0	5	3.5706	0.0512	0.0488	0.0496	0.0489	0.0525	0.0738	0.049	89	95	4	
2	BMRzk015	ZK1-1690	IgG1	85	73	0	2	0	0	0	3.0218	0.0527	0.0492	0.05	0.0493	0.049	0.0728	0.0479	91	97	6	
3	BMRzk014	ZK1-1589	IgG1	82	83	4	3	0	3	0	2.5217	0.049	0.0473	0.0481	0.0471	0.0476	0.0632	0.0481	88	96	7	
4	BMRzk012	ZK1-1303	IgG1	82	82	5	3	5	2	0	2.2062	0.0482	0.0457	0.0457	0.0462	0.0468	0.0571	0.0463	94	99	8	
5	BMRzk023	ZK1-2486	IgG2b	91	90	0	1	0	0	3	3.7177	0.0537	0.0489	0.0477	0.0476	0.0498	0.157	0.0491	93	69	2	
6	BMRzk017	ZK1-1726	IgG1	76	80	2	3	1	0	0	1.9836	0.046	0.0459	0.0461	0.0584	0.0528	0.0526	0.0527	64	87	6	
7	BMRzk027	ZK2-136	IgG1	75	80	7	2	1	5	0	2.2129	0.0545	0.0567	0.0566	0.0513	0.0507	0.0726	0.0503	83	75	5	
8	BMRzk034	ZK3-1023	IgG1	78	76	4	3	1	9	0	1.9807	0.0551	0.0562	0.055	0.0552	0.0564	0.1075	0.0535	84	73	7	
9	BMRzk035	ZK3-1315	IgG1	75	81	5	0	2	4	0	2.9106	0.0508	0.0494	0.0492	0.0526	0.0498	0.0961	0.0531	91	69	4	
10	BMRzk002	ZK1-311	IgG2a	96	98	1	1	2	0	5	3.3816	0.0503	0.0476	0.0483	0.0479	0.049	0.1646	0.047	81	66	3	
11	BMRzk007	ZK1-1112	IgG1	85	76	0	0	0	0	0	2.1346	0.0478	0.0565	0.0503	0.0476	0.0501	0.0831	0.0486	80	58	0	
12	BMRzk028	ZK2-639	IgG2a	95	96	4	4	5	8	1	2.0833	0.0495	0.048	0.0506	0.0516	0.051	0.0532	0.0496	29	26	4	
13	BMRzk013	ZK1-1309	IgG1	82	80	4	3	5	4	0	1.0989	0.0478	0.0472	0.0467	0.0463	0.0474	0.0678	0.0481	36	32	2	
14	BMRzk011	ZK1-1274	IgG1	78	80	4	3	5	0	0	1.1822	0.0514	0.0468	0.0477	0.0471	0.0483	0.0594	0.0474	32	35	2	
15	BMRzk029	ZK2-1467	IgG1	74	75	4	4	6	9	0	1.1658	0.0499	0.0502	0.0497	0.0505	0.0483	0.052	0.0496	30	21	5	
16	BMRzk030	ZK3-69	IgG2a	96	96	8	7	6	10	3	3.3067	0.0488	0.0491	0.0495	0.0499	0.0517	0.0663	0.0498	0	73	10	
17	BMRzk019	ZK1-1959	IgG2b	86	74	1	1	4	0	5	3.8461	0.0474	0.0455	0.0464	0.0479	0.0478	0.104	0.0476	0	46	8	
18	BMRzk001	ZK1-52	IgG2a	93	98	6	3	3	0	9	3.735	0.0498	0.0471	0.0474	0.0493	0.0532	0.0766	0.056	0	44	7	
19	BMRzk008	ZK1-1194	IgG1	86	75	1	1	0	0	0	3.7854	0.0496	0.05	0.0492	0.05	0.0503	0.1802	0.049	40	51	72	
20	BMRzk018	ZK1-1750	IgG1	77	82	2	0	0	0	0	3.7811	0.0545	0.0925	0.0998	0.0492	0.0475	0.1307	0.0479	14	31	92	
21	BMRzk010	ZK1-1254	IgG1	77	81	2	3	4	0	0	3.6798	0.0537	0.0496	0.0491	0.0479	0.047	0.0679	0.0475	15	39	56	
22	BMRzk009	ZK1-1237	IgG1	80	82	6	5	2	0	0	3.6786	0.0466	0.0477	0.0468	0.0479	0.0491	0.0963	0.0505	14	21	28	
23	BMRzk025	ZK1-2597	IgG2a	91	97	0	3	1	0	9	3.5584	0.0471	0.0471	0.0503	0.0471	0.0491	0.0504	0.0518	13	17	26	
24	BMRzk020	ZK1-2271	IgG1	80	82	5	3	10	1	0	3.824	0.0475	0.0462	0.048	0.0466	0.0471	0.1542	0.0472	15	40	15	
25	BMRzk032	ZK3-736	IgG1	86	86	6	6	4	10	9	3.8312	0.0498	0.0515	0.0503	0.0518	0.0534	0.1157	0.0515	25	32	14	
26	BMRzk033	ZK3-943	IgG1	76	76	5	7	4	11	0	3.8895	0.0513	0.0498	0.0499	0.0508	0.0497	0.2276	0.0501	49	49	95	Cross react to recombinant NS1 proteins from other Flavi viruses
27	BMRzk031	ZK3-679	IgG2a	98	98	2	1	0	2	0	3.61	0.0481	0.0458	0.0453	0.0485	0.0441	0.4486	0.0456	45	44	95	Cross react to recombinant NS1 proteins from other Flavi viruses
28	BMRzk022	ZK1-2460	IgG2a	98	96	1	3	3	4	11	3.9195	0.0609	0.1941	0.1652	0.0798	0.0463	0.2414	0.0478	32	41	97	Cross react to recombinant NS1 proteins from other Flavi viruses
29	BMRzk005	ZK1-852	IgG2a	98	99	5	5	0	1	8	3.9425	0.0608	0.3133	0.2863	0.087	0.0505	0.3056	0.0473	37	49	97	Cross react to recombinant NS1 proteins from other Flavi viruses
30	BMRzk026	ZK2-134	IgG1	73	80	3	0	0	2	0	3.737	0.4307	0.0484	0.0501	0.6316	0.0499	0.1437	0.06	41	42	93	Cross react to recombinant NS1 proteins from other Flavi viruses
31	BMRzk006	ZK1-866	IgG2b	93	91	4	11	0	2	3	3.9225	0.1029	1.8932	1.8586	0.9907	0.0487	0.3787	0.0468	40	50	99	Cross react to recombinant NS1 proteins from other Flavi viruses
32	BMRzk003	ZK1-356	IgG2a	96	99	5	2	1	0	7	3.8501	0.0576	0.0474	0.0485	0.0477	0.0499	0.9984	0.0475	24	22	97	Cross react to recombinant NS1 proteins from other Flavi viruses
33	BMRzk004	ZK1-604	IgG2a	95	99	4	4	5	3	8	3.9027	0.049	0.0486	0.0477	0.0772	0.051	1.0113	0.0464	35	50	59	Cross react to recombinant NS1 proteins from other Flavi viruses
34	BMRzk021	ZK1-2296	IgG2a	96	97	5	4	8	9	0	3.9333	0.0475	0.0474	0.0489	0.0492	0.0594	1.5312	0.047	27	44	23	Cross react to recombinant NS1 proteins from other Flavi viruses
35	BMRzk016	ZK1-1725	IgG1	86	72	0	1	0	0	0	3.8334	0.0594	0.0516	0.0507	0.0507	0.0623	0.2145	0.0491	39	53	21	Cross react to recombinant NS1 proteins from other Flavi viruses
Assay Control	DEN5-380	IgG2a	98	99	101	100	100	100	99	3.3028	3.6784	3.6686	3.654	3.5444	2.9199	3.4588	2.205	83	84	6	Flavi virus NS1 common Ab	
	DEN1-1232	IgG1	5	4	93	100	93	100	5	0.0646	3.3072	3.6811	3.6722	3.5608	0.076	0.0488	0.0902	0	0	0	Dengue NS1 specific	

* The CELIXSYS method is an immuno-precipitation-equivalent method.

** The numbers expressed in % represent a strength of reactivity of monoclonal antibodies to each NS1 protein of Flavi viruses. The higher the number, the stronger the reactivity of antibody.



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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk001
CLONE NUMBER:	ZK1-52
LOT NUMBER:	ZK1-52-001
SUBCLASS:	IgG2a
CONCENTRATION:	5.1 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

This product is intended for research or manufacturing only. It is pharmaceutically unrefined, and verification of its suitability for use in humans or as clinical diagnostic reagents and the compliance with all the relevant laws or ordinances regulating such applications are the responsibility of the purchaser. There is no expressed or implied warranty. No liability is assumed for fitness or purpose and merchantability, or direct or consequential damages. The user name assumes as all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.
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:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk002
CLONE NUMBER:	ZK1-311
LOT NUMBER:	ZK1-311-001
SUBCLASS:	IgG2a
CONCENTRATION:	5.1 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk003

CLONE NUMBER: ZK1-356

LOT NUMBER: ZK1-356-001

SUBCLASS: IgG2a

CONCENTRATION: 5.0 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Some cross-reactivity with recombinant NS1 protein of West Nile virus (WNV).
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk004

CLONE NUMBER: ZK1-604

LOT NUMBER: ZK1-604-001

SUBCLASS: IgG2a

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Some cross-reactivity with recombinant NS1 protein of West Nile virus (WNV).
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk005
CLONE NUMBER:	ZK1-852
LOT NUMBER:	ZK1-852-001
SUBCLASS:	IgG2a
CONCENTRATION:	5.2 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	Slight cross-reactivity with recombinant NS1 proteins of DENV-2, DENV-3 and West Nile virus (WNV). No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk006
CLONE NUMBER:	ZK1-866
LOT NUMBER:	ZK1-866-001
SUBCLASS:	IgG2b
CONCENTRATION:	4.9 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	Some cross-reactivity with recombinant NS1 proteins of DENV-2, DENV-3, DENV-4 and West Nile virus (WNV). No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk007

CLONE NUMBER: ZK1-1112

LOT NUMBER: ZK1-1112-001

SUBCLASS: IgG1

CONCENTRATION: 4.8 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk008
CLONE NUMBER:	ZK1-1194
LOT NUMBER:	ZK1-1194-001
SUBCLASS:	IgG1
CONCENTRATION:	5.2 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk009

CLONE NUMBER: ZK1-1237

LOT NUMBER: ZK1-1237-001

SUBCLASS: IgG1

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk010
CLONE NUMBER:	ZK1-1254
LOT NUMBER:	ZK1-1254-001
SUBCLASS:	IgG1
CONCENTRATION:	4.5 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk011

CLONE NUMBER: ZK1-1274

LOT NUMBER: ZK1-1274-001

SUBCLASS: IgG1

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk012
CLONE NUMBER:	ZK1-1303
LOT NUMBER:	ZK1-1303-001
SUBCLASS:	IgG1
CONCENTRATION:	4.6 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk013

CLONE NUMBER: ZK1-1309

LOT NUMBER: ZK1-1309-001

SUBCLASS: IgG1

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk014

CLONE NUMBER: ZK1-1589

LOT NUMBER: ZK1-1589-001

SUBCLASS: IgG1

CONCENTRATION: 5.2 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk015

CLONE NUMBER: ZK1-1690

LOT NUMBER: ZK1-1690-001

SUBCLASS: IgG1

CONCENTRATION: 4.8 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk016

CLONE NUMBER: ZK1-1725

LOT NUMBER: ZK1-1725-001

SUBCLASS: IgG1

CONCENTRATION: 4.9 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Slight cross-reactivity with recombinant NS1 protein of West Nile virus (WNV).
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk017

CLONE NUMBER: ZK1-1726

LOT NUMBER: ZK1-1726-001

SUBCLASS: IgG1

CONCENTRATION: 4.4 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk018

CLONE NUMBER: ZK1-1750

LOT NUMBER: ZK1-1750-001

SUBCLASS: IgG1

CONCENTRATION: 4.5 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk019

CLONE NUMBER: ZK1-1959

LOT NUMBER: ZK1-1959-001

SUBCLASS: IgG2b

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk020

CLONE NUMBER: ZK1-2271

LOT NUMBER: ZK1-2271-001

SUBCLASS: IgG1

CONCENTRATION: 4.7 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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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: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk021

CLONE NUMBER: ZK1-2296

LOT NUMBER: ZK1-2296-001

SUBCLASS: IgG2a

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Some cross-reactivity with recombinant NS1 protein of West Nile virus (WNV).
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk022

CLONE NUMBER: ZK1-2460

LOT NUMBER: ZK1-2460-001

SUBCLASS: IgG2a

CONCENTRATION: 5.2 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Slight cross-reactivity with recombinant NS1 protein of West Nile virus (WNV).
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk023
CLONE NUMBER:	ZK1-2486
LOT NUMBER:	ZK1-2486-001
SUBCLASS:	IgG2b
CONCENTRATION:	5.1 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk024
CLONE NUMBER:	ZK1-2508
LOT NUMBER:	ZK1-2508-001
SUBCLASS:	IgG2a
CONCENTRATION:	4.9 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk025

CLONE NUMBER: ZK1-2597

LOT NUMBER: ZK1-2597-001

SUBCLASS: IgG2a

CONCENTRATION: 5.0 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk026

CLONE NUMBER: ZK2-134

LOT NUMBER: ZK2-134-001

SUBCLASS: IgG1

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Some cross-reactivity with recombinant NS1 proteins of DENV-1 and DENV-4.
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-2, DENV-3, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk027

CLONE NUMBER: ZK2-136

LOT NUMBER: ZK2-136-001

SUBCLASS: IgG1

CONCENTRATION: 5.0 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk028

CLONE NUMBER: ZK2-639

LOT NUMBER: ZK2-639-001

SUBCLASS: IgG2a

CONCENTRATION: 5.0 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk029

CLONE NUMBER: ZK2-1467

LOT NUMBER: ZK2-1467-001

SUBCLASS: IgG1

CONCENTRATION: 5.0 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk030
CLONE NUMBER:	ZK3-69
LOT NUMBER:	ZK3-69-001
SUBCLASS:	IgG2a
CONCENTRATION:	5.1 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk031

CLONE NUMBER: ZK3-679

LOT NUMBER: ZK3-679-001

SUBCLASS: IgG2a

CONCENTRATION: 4.9 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Slight cross-reactivity with recombinant NS1 protein of West Nile virus (WNV).
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk032

CLONE NUMBER: ZK3-736

LOT NUMBER: ZK3-736-001

SUBCLASS: IgG1

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk033

CLONE NUMBER: ZK3-943

LOT NUMBER: ZK3-943-001

SUBCLASS: IgG1

CONCENTRATION: 4.9 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: Slight cross-reactivity with recombinant NS1 protein of West Nile virus (WNV).
No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV) and Yellow fever virus (YFV).

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

This product is intended for research or manufacturing only. It is pharmaceutically unrefined, and verification of its suitability for use in humans or as clinical diagnostic reagents and the compliance with all the relevant laws or ordinances regulating such applications are the responsibility of the purchaser. There is no expressed or implied warranty. No liability is assumed for fitness or purpose and merchantability, or direct or consequential damages. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.
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: Anti-Zika virus NS1 Monoclonal antibody

CATALOG NUMBER: BMRzk034

CLONE NUMBER: ZK3-1023

LOT NUMBER: ZK3-1023-001

SUBCLASS: IgG1

CONCENTRATION: 5.1 mg/mL
(A280nm, 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: Zika NS1 (Recombinant)

SPECIFICITY: Reactive to native and recombinant NS1 proteins of Zika virus

CROSS REACTIVITY: No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .

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

AFFINITY: Not determined

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

PRESERVATIVE: 0.05% NaN₃

APPLICATIONS:

USAGE RECOMMENDATIONS:

STORAGE: Store at 2-8°C

CAUTION: Not for use in humans.

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MONOCLONAL ANTIBODY DATA SHEET

PRODUCT:	Anti-Zika virus NS1 Monoclonal antibody
CATALOG NUMBER:	BMRzk035
CLONE NUMBER:	ZK3-1315
LOT NUMBER:	ZK3-1315-001
SUBCLASS:	IgG1
CONCENTRATION:	5.1 mg/mL (A280nm, 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:	Zika NS1 (Recombinant)
SPECIFICITY:	Reactive to native and recombinant NS1 proteins of Zika virus
CROSS REACTIVITY:	No cross-reactivity with native NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4 and Japanese encephalitis virus (JEV) and recombinant NS1 proteins of DENV-1, DENV-2, DENV-3, DENV-4, Japanese encephalitis virus (JEV), West Nile virus (WNV) and Yellow fever virus (YFV) .
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH ₂ PO ₄ , 140mM NaCl, 8.0mM Na ₂ HPO ₄ .
PRESERVATIVE:	0.05% NaN ₃
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 2-8°C
CAUTION:	Not for use in humans.

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