Table 5. Essential Characteristics of Anti-RSV F Protein Monoclonal Antibodes

Epitope Group	BMR Cat. No.	Clone No.	Mouse Ig Isotype	Reactivity in CELIXSYS** method (%)						Cross-reactivity Ag-ELISA (Abs.490nm)			Inhibition test (%) *	
				A/Long (Immunogen)		**A2**		**B /WV**		Influenza A (H1N1)	Influenza B	Adenovirus : 6	Membrane mAb	Conjugate mAb
				Ab Conc. 1ug/mL	Ab Conc. 0.1ug/mL	Ab Conc. 1ug/mL	Ab Conc. 0.1ug/mL	Ab Conc. 1ug/mL	Ab Conc. 0.1ug/mL	Ab Conc. = 10ug/mL				
Control	Reference	Conjugate Ab	IgG	**93**	**71**	**98**	**66**	**52**	**31**	0.074	0.044	0.043	99	99
	Reference	Membrane Ab	IgG	**93**	**71**	**97**	**59**	**51**	**33**	0.074	0.045	0.042	98	99
A	**BMRrs006**	**RS1-398**	IgG2a	**95**	**64**	**96**	**56**	**71**	**29**	0.040	0.040	0.039	91	90
	BMRrs011	**RS1-1645**	IgG1	**92**	**62**	**95**	**49**	**73**	**17**	0.042	0.042	0.047	97	96
	BMRrs027	**RS2-706**	IgG1	**92**	**45**	**93**	**38**	**49**	**20**	0.050	0.044	0.041	98	98
B	**BMRrs012**	**RS1-1710**	IgG2a	**79**	**39**	**74**	**32**	**55**	**19**	0.044	0.041	0.041	56	53
	BMRrs008	**RS1-648**	IgG1	**86**	**49**	**92**	**28**	**85**	**30**	0.042	0.040	0.042	50	49
	BMRrs022	**RS2-210**	IgG2b	**92**	**48**	**94**	**53**	**91**	**39**	0.043	0.041	0.040	44	40
C	**BMRrs019**	**RS1-2771**	IgG1	**95**	**62**	**95**	**40**	**94**	**63**	0.038	0.040	0.037	31	27
	BMRrs009	**RS1-919**	IgG1	**96**	**63**	**95**	**48**	**93**	**53**	0.041	0.041	0.040	29	23
	BMRrs004	**RS1-213**	IgG2a	**98**	**70**	**97**	**60**	**95**	**59**	0.040	0.042	0.048	29	26
	BMRrs003	**RS1-186**	IgG2b	**97**	**68**	**95**	**63**	**92**	**59**	0.041	0.042	0.039	27	21
	BMRrs021	**RS1-2970**	IgG2a	**94**	**64**	**97**	**58**	**92**	**69**	0.043	0.041	0.043	23	20
	BMRrs017	**RS1-2516**	IgG2b	**96**	**66**	**96**	**63**	**93**	**53**	0.040	0.042	0.041	23	19
	BMRrs031	**RS2-4539**	IgG2a	**92**	**57**	**86**	**69**	**94**	**62**	0.039	0.041	0.038	20	17
	BMRrs018	**RS1-2541**	IgG2a	**97**	**67**	**90**	**47**	**96**	**61**	0.039	0.040	0.037	22	15
	BMRrs005	**RS1-357**	IgG1	**94**	**64**	**96**	**45**	**94**	**65**	0.038	0.040	0.037	19	18
	BMRrs016	**RS1-2400**	IgG1	**93**	**55**	**95**	**61**	**92**	**52**	0.043	0.041	0.040	19	26
	BMRrs015	**RS1-2285**	IgG1	**92**	**54**	**96**	**43**	**92**	**47**	0.042	0.041	0.040	25	25
	BMRrs007	**RS1-522**	IgG1	**95**	**61**	**95**	**47**	**91**	**57**	0.041	0.042	0.040	21	21
	BMRrs002	**RS1-122**	IgG1	**93**	**58**	**95**	**49**	**92**	**60**	0.040	0.042	0.042	23	15
	BMRrs013	**RS1-1854**	IgG1	**93**	**64**	**93**	**47**	**92**	**51**	0.041	0.041	0.045	21	17
	BMRrs033	**RS2-4979**	IgG1	**91**	**57**	**94**	**46**	**91**	**54**	0.042	0.042	0.041	22	20
	BMRrs020	**RS1-2864**	IgG2a	**95**	**58**	**95**	**43**	**91**	**53**	0.040	0.043	0.039	20	17
	BMRrs030	**RS2-3484**	IgG1	**90**	**49**	**96**	**42**	**90**	**48**	0.043	0.041	0.040	18	15
	BMRrs014	**RS1-2240**	IgG2b	**89**	**48**	**91**	**40**	**89**	**39**	0.041	0.042	0.044	19	16
	BMRrs032	**RS2-4937**	IgG1	**89**	**54**	**94**	**43**	**90**	**43**	0.042	0.043	0.041	19	14
	BMRrs029	**RS2-2715**	IgG2a	**86**	**51**	**90**	**34**	**87**	**41**	0.041	0.041	0.040	8	13
	BMRrs024	**RS2-252**	IgG2a	**94**	**52**	**94**	**40**	**90**	**50**	0.041	0.043	0.041	16	9
	BMRrs010	**RS1-971**	IgG1	**89**	**47**	**92**	**28**	**91**	**43**	0.041	0.042	0.041	17	9
	BMRrs023	**RS2-221**	IgG2a	**86**	**41**	**81**	**21**	**88**	**42**	0.039	0.040	0.037	15	8
D	**BMRrs026**	**RS2-680**	IgG2a	**85**	**33**	**85**	**22**	**81**	**33**	0.042	0.038	0.040	3	1
	BMRrs028	**RS2-1837**	IgG2a	**82**	**35**	**89**	**24**	**79**	**25**	0.042	0.041	0.039	1	1
	BMRrs001	**RS1-33**	IgG2b	**74**	**32**	**85**	**30**	**79**	**26**	0.041	0.041	0.040	0	0
	BMRrs025	**RS2-644**	IgG1	**76**	**26**	**78**	**10**	**67**	**18**	0.042	0.044	0.040	0	0

: Currently best selling clones but depending on an assay platform.

* Inhibition test was performed using standard ELISA plate coated with purified RSV A/Long strain . monoclonal antibodies; membrane or conjugate use was induvidually inhibited with each monoclonal antibody
A reactivity of commercially available to RSV coated ELISA plate and the inhibition rate was expressed as %.

** The CELIXSYS method is an immuno-precipitation-equivalent method. The figure (expressed in %) represents the strength of reactivity of monoclonal antibodies to each RSV strain. The higher the figure, the stronger the reactivity of antibody.

Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

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Product Name	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody
BMR Catalog No.	**BMRrs001**	**BMRrs002**	**BMRrs003**	**BMRrs004**	**BMRrs005**	**BMRrs006**	**BMRrs007**	**BMRrs008**
Clone Number	**RS1-33**	**RS1-122**	**RS1-186**	**RS1-213**	**RS1-357**	**RS1-398**	**RS1-522**	**RS1-648**
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Isotype	IgG2b	IgG1	IgG2b	IgG2a	IgG1	IgG2a	IgG1	IgG1
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
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	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
Immunogen	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain
Specificity	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains
Cross Reactivity	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4
Storage	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~
Contaminants	NA	NA	NA	NA	NA	NA	NA	NA
Preservative	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3
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.	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.

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BMR Catalog No.	**BMRrs009**	**BMRrs010**	**BMRrs011**	**BMRrs012**	**BMRrs013**	**BMRrs014**	**BMRrs015**	**BMRrs016**
Clone Number	**RS1-919**	**RS1-971**	**RS1-1645**	**RS1-1710**	**RS1-1854**	**RS1-2240**	**RS1-2285**	**RS1-2400**
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Isotype	IgG1	IgG1	IgG1	IgG2a	IgG1	IgG2b	IgG1	IgG1
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
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	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
Immunogen	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain
Specificity	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains
Cross Reactivity	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4
Storage	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~
Contaminants	NA	NA	NA	NA	NA	NA	NA	NA
Preservative	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3
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.	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.

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BMR Catalog No.	**BMRrs017**	**BMRrs018**	**BMRrs019**	**BMRrs020**	**BMRrs021**	**BMRrs022**	**BMRrs023**	**BMRrs024**
Clone Number	**RS1-2516**	**RS1-2541**	**RS1-2771**	**RS1-2864**	**RS1-2970**	**RS2-210**	**RS2-221**	**RS2-252**
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Isotype	IgG2b	IgG2a	IgG1	IgG2a	IgG2a	IgG2b	IgG2a	IgG2a
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
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	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
Immunogen	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain
Specificity	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains
Cross Reactivity	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4
Storage	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~
Contaminants	NA	NA	NA	NA	NA	NA	NA	NA
Preservative	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3
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.	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.

Bio Matrix Reseach Inc.

Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

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Product Name	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody	Anti-RSV F protein Monoclonal Antibody
BMR Catalog No.	**BMRrs025**	**BMRrs026**	**BMRrs027**	**BMRrs028**	**BMRrs029**	**BMRrs030**	**BMRrs031**	**BMRrs032**
Clone Number	**RS2-644**	**RS2-680**	**RS2-706**	**RS2-1837**	**RS2-2715**	**RS2-3484**	**RS2-4539**	**RS2-4937**
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Isotype	IgG1	IgG2a	IgG1	IgG2a	IgG2a	IgG1	IgG2a	IgG1
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
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	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
Immunogen	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain	Purified native RSV protein : Long strain
Specificity	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains	RSV F protein of both A and B RSV strains
Cross Reactivity	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses	No cross reaction to Influenza A, Influenza B and Adeno viruses
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4
Storage	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃	Store at 2-8℃
Method of Purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification	Protein A affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~	1mg ~
Contaminants	NA	NA	NA	NA	NA	NA	NA	NA
Preservative	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3	0.05% NaN_3
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.	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.

Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

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Product Name	Anti-RSV F protein Monoclonal Antibody
BMR Catalog No.	**BMRrs033**
Clone Number	**RS2-4979**
Lot Number	Depend on the purification Lot
Isotype	IgG1
Concentration	1 ~ 5 mg/mL Depend on the purification Lot (5mg/mL for most lots)
Host	Host : Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source : Ascites
Immunogen	Purified native RSV protein : Long strain
Specificity	RSV F protein of both A and B RSV strains
Cross Reactivity	No cross reaction to Influenza A, Influenza B and Adeno viruses
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or HPLC)
Form & Buffer	Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH_2PO_4, 140mM NaCl, 8.0mM Na_2HPO_4
Storage	Store at 2-8℃
Method of Purification	Protein A affinity purification
Size	1mg ~
Contaminants	NA
Preservative	0.05% NaN_3
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.