



Bio Matrix Research Inc.  
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# **Anti-Dengue NS1 Monoclonal Antibodies**

14 clones

## Essential Characteristics of BMR Anti-Dengue NS1 Monoclonal Antibodies

BMR Cat. No.	Clone#	Mouse IgG Isotype	Reactivity to Native NS1 on CELIXSYS (%) (IgG Conc=10µg/mL)						Reactivity to Recombinant antigen coated ELISA (O.D.490nm) (IgG Conc=1µg/mL)							Application		
			DENV-1 NS1	DENV-2 NS1	DENV-3 NS1	DENV-4 NS1	ZIKV NS1	JEV NS1	DENV-1 NS1	DENV-2 NS1	DENV-3 NS1	DENV-4 NS1	ZIKV NS1	JEV NS1	WNV NS1		YFV NS1	
1	BMRdn001	DEN1-109	IgG1	75	99	86	97	-6	-1	3.786	3.829	3.832	3.793	0.255	0.078	0.053	0.044	Membrane/Conjugate
2	BMRdn002	DEN1-303	IgG1	91	99	92	99	5	2	3.844	3.862	3.896	3.872	0.068	0.093	0.054	0.052	Membrane/Conjugate
3	BMRdn003	DEN1-503	IgG1	98	100	91	99	16	10	3.856	3.880	3.897	3.719	0.085	0.070	0.046	0.045	Membrane/Conjugate
4	BMRdn005	DEN1-1232	IgG1	94	100	95	100	12	4	3.971	4.000	4.000	3.982	0.064	0.103	0.047	0.046	Membrane
5	BMRdn006	DEN1-1388	IgG1	39	100	76	99	9	4	3.930	3.969	3.991	3.970	0.044	0.077	0.045	0.044	
6	BMRdn007	DEN1-1707	IgG1	77	100	88	99	10	-1	3.900	3.951	3.970	3.931	0.075	0.082	0.047	0.045	
7	BMRdn008	DEN1-1746	IgG1	97	100	98	100	13	-2	3.888	3.931	3.939	3.918	0.099	0.129	0.070	0.048	Membrane Sandwich ELISA(Mem)
8	BMRdn009	DEN1-1836	IgG2b	58	98	75	97	8	0	3.841	3.856	3.872	3.823	0.152	0.209	0.066	0.046	
9	BMRdn010	DEN2-221	IgG2a	99	100	98	99	7	5	3.880	3.864	3.900	3.834	0.056	0.093	0.049	0.048	Conjugate/Membrane
10	BMRdn011	DEN2-392	IgG1	98	95	92	90	12	6	3.806	3.811	3.856	3.240	0.045	0.050	0.044	0.070	Conjugate/Membrane
11	BMRdn012	DEN2-973	IgG2a	100	100	99	100	19	4	3.940	3.942	3.942	3.880	0.073	0.096	0.045	0.048	Conjugate/Membrane Sandwich ELISA(Conj)
12	BMRdn013	DEN3-356	IgG1	100	99	99	100	29	31	3.975	3.972	3.964	3.891	0.160	0.095	0.064	0.048	Conjugate/Membrane
13	BMRdn014	DEN3-853	IgG1	100	41	95	100	12	5	3.964	3.770	3.863	4.000	0.044	0.064	0.043	0.044	
14	BMRdn015	DEN4-218	IgG1	99	100	99	100	33	48	3.920	3.922	3.937	4.000	0.156	0.134	0.283	0.045	
	BMRdn027	DEN5-380	IgG2a	99	100	99	99	99	100	3.924	3.899	3.904	3.903	3.489	3.593	3.687	3.377	Flavi virus NS1 cross-reactive Western Blot/ELISA
	BMRdn028	DEN5-1089	IgG2b	99	98	98	98	94	98	3.959	3.974	3.994	3.917	3.390	3.628	3.883	2.955	Flavi virus NS1 cross-reactive
	BMRdn024	DEN1-222	IgG2a	100	100	100	100	97	93	3.924	3.737	3.749	3.750	2.608	3.334	3.512	0.053	Flavi virus NS1 cross-reactive ELISA

\* The CELIXSYS method is an immuno-precipitation-equivalent screening method. The figure (expressed in %) represents the strength of reactivity of monoclonal antibodies to each serotype Dengue NS1. The higher the figure, the stronger the reactivity of the antibody in a liquid phase.

## MONOCLONAL ANTIBODY DATA SHEET

<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn001</b>
<b>CLONE NUMBER:</b>	<b>DEN1-109</b>
<b>LOT NUMBER:</b>	DEN1-109-002
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	5.0 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to Japanese encephalitis (JE), West Nile and Yellow Fever Viruses NS1 recombinant proteins, but only slight reaction to Zika Virus recombinant NS1 protein was observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
<b>APPLICATIONS:</b>	
<b>USAGE RECOMMENDATIONS:</b>	
<b>STORAGE:</b>	Store at 2-8°C
<b>CAUTION:</b>	Not for use in humans.

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## MONOCLONAL ANTIBODY DATA SHEET

<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn002</b>
<b>CLONE NUMBER:</b>	<b>DEN1-303</b>
<b>LOT NUMBER:</b>	DEN1-303-001
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	5.0 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to Zika, West Nile and Yellow Fever Viruses NS1 Recombinant proteins, but only slight reaction to Japanese encephalitis (JE) Virus recombinant NS1 protein was observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
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<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn003</b>
<b>CLONE NUMBER:</b>	<b>DEN1-503</b>
<b>LOT NUMBER:</b>	DEN1-503-001
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	4.7 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	Almost no cross reaction to Zika, Japanese encephalitis (JE), West Nile and Yellow Fever Viruses NS1 recombinant proteins were observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
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<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn005</b>
<b>CLONE NUMBER:</b>	<b>DEN1-1232</b>
<b>LOT NUMBER:</b>	DEN1-1232-002
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	5.1 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to Zika, West Nile and Yellow Fever Viruses NS1 Recombinant proteins, but only slight reaction to Japanese encephalitis (JE) Virus recombinant NS1 protein was observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
<b>APPLICATIONS:</b>	
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<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn006</b>
<b>CLONE NUMBER:</b>	<b>DEN1-1388</b>
<b>LOT NUMBER:</b>	DEN1-1388-001
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	4.8 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	Almost no cross reaction to Zika, Japanese encephalitis (JE), West Nile and Yellow Fever Viruses NS1 recombinant proteins were observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
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<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn007</b>
<b>CLONE NUMBER:</b>	<b>DEN1-1707</b>
<b>LOT NUMBER:</b>	DEN1-1707-002
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	5.1 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	Almost no cross reaction to Zika, Japanese encephalitis (JE), West Nile and Yellow Fever Viruses NS1 recombinant proteins were observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
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<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn008</b>
<b>CLONE NUMBER:</b>	<b>DEN1-1746</b>
<b>LOT NUMBER:</b>	DEN1-1746-001
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	4.6 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to West Nile and Yellow Fever Viruses NS1 recombinant proteins, but slight reaction to Zika and Japanese encephalitis (JEV) Viruses recombinant NS1 proteins were observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
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<b>CATALOG NUMBER:</b>	<b>BMRdn009</b>
<b>CLONE NUMBER:</b>	<b>DEN1-1836</b>
<b>LOT NUMBER:</b>	DEN1-1836-001
<b>SUBCLASS:</b>	IgG2b
<b>CONCENTRATION:</b>	5.0 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to West Nile and Yellow Fever Viruses NS1 recombinant proteins, but slight reaction to Zika and Japanese encephalitis (JEV) Viruses recombinant NS1 proteins were observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
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<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn010</b>
<b>CLONE NUMBER:</b>	<b>DEN2-221</b>
<b>LOT NUMBER:</b>	DEN2-221-001
<b>SUBCLASS:</b>	IgG2a
<b>CONCENTRATION:</b>	5.0 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to Zika, West Nile and Yellow Fever Viruses NS1 Recombinant proteins, but only slight reaction to Japanese encephalitis (JE) Virus recombinant NS1 protein was observed.
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<b>STORAGE:</b>	Store at 2-8°C
<b>CAUTION:</b>	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

<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn011</b>
<b>CLONE NUMBER:</b>	<b>DEN2-392</b>
<b>LOT NUMBER:</b>	DEN2-392-002
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	5.3 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	Almost no cross reaction to Zika, Japanese encephalitis (JE), West Nile and Yellow Fever Viruses NS1 recombinant proteins were observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
<b>APPLICATIONS:</b>	
<b>USAGE RECOMMENDATIONS:</b>	
<b>STORAGE:</b>	Store at 2-8°C
<u>CAUTION:</u>	Not for use in humans.

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## MONOCLONAL ANTIBODY DATA SHEET

<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn012</b>
<b>CLONE NUMBER:</b>	<b>DEN2-973</b>
<b>LOT NUMBER:</b>	DEN2-973-002
<b>SUBCLASS:</b>	IgG2a
<b>CONCENTRATION:</b>	5.1 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type3 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to Zika, West Nile and Yellow Fever Viruses NS1 Recombinant proteins, but only slight reaction to Japanese encephalitis (JE) Virus recombinant NS1 protein was observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
<b>APPLICATIONS:</b>	
<b>USAGE RECOMMENDATIONS:</b>	
<b>STORAGE:</b>	Store at 2-8°C
<b>CAUTION:</b>	Not for use in humans.

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## MONOCLONAL ANTIBODY DATA SHEET

**PRODUCT:** Anti-Dengue NS1 Monoclonal antibody

**CATALOG NUMBER:** BMRdn013

**CLONE NUMBER:** DEN3-356

**LOT NUMBER:** DEN3-356-003

**SUBCLASS:** IgG1

**CONCENTRATION:** 5.0 mg/mL  
(A280nm, E<sup>0.1%</sup>=1.38)

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

**IMMUNOGEN:** Dengue Type1 NS1 (Recombinant)

**SPECIFICITY:** React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)

**CROSS REACTIVITY:** No cross reaction to West Nile and Yellow Fever Viruses NS1 recombinant proteins, but slight reaction to Zika and Japanese encephalitis (JEV) Viruses recombinant NS1 proteins were observed. Also reaction to Zika and Japanese encephalitis (JEV) Viruses native NS1 proteins were observed.

**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<sub>2</sub>PO<sub>4</sub>, 140mM NaCl, 8.0mM Na<sub>2</sub>HPO<sub>4</sub>.

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**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-Dengue NS1 Monoclonal antibody

**CATALOG NUMBER:** BMRdn014

**CLONE NUMBER:** DEN3-853

**LOT NUMBER:** DEN3-853-001

**SUBCLASS:** IgG1

**CONCENTRATION:** 4.1 mg/mL  
(A280nm, E<sup>0.1%</sup>=1.38)

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

**IMMUNOGEN:** Dengue Type1 NS1 (Recombinant)

**SPECIFICITY:** React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)

**CROSS REACTIVITY:** Almost no cross reaction to Zika, Japanese encephalitis (JE), West Nile and Yellow Fever Viruses NS1 recombinant proteins were observed.

**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<sub>2</sub>PO<sub>4</sub>, 140mM NaCl, 8.0mM Na<sub>2</sub>HPO<sub>4</sub>.

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:**

**USAGE RECOMMENDATIONS:**

**STORAGE:** Store at 2-8°C

**CAUTION:** Not for use in humans.

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## MONOCLONAL ANTIBODY DATA SHEET

<b>PRODUCT:</b>	<b>Anti-Dengue NS1 Monoclonal antibody</b>
<b>CATALOG NUMBER:</b>	<b>BMRdn015</b>
<b>CLONE NUMBER:</b>	<b>DEN4-218</b>
<b>LOT NUMBER:</b>	DEN4-218-001
<b>SUBCLASS:</b>	IgG1
<b>CONCENTRATION:</b>	4.5 mg/mL (A280nm, E <sup>0.1%</sup> =1.38)
<b>HOST:</b>	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
<b>IMMUNOGEN:</b>	Dengue Type2 NS1 (Recombinant)
<b>SPECIFICITY:</b>	React to native NS1 of Dengue virus (DENV-1,DENV-2, DENV-3 and DENV-4)
<b>CROSS REACTIVITY:</b>	No cross reaction to Yellow Fever Virus NS1 recombinant protein, but slight reaction to Zika, Japanese encephalitis (JEV) and West Nile Viruses recombinant NS1 proteins were observed. Also reaction to Zika and Japanese encephalitis (JEV) Viruses native NS1 proteins were observed.
<b>GRADE &amp; PURITY:</b>	In vitro use only. Purity is more than 95% (SDS-PAGE)
<b>AFFINITY:</b>	Not determined
<b>FORM &amp; BUFFER:</b>	Protein A affinity purified and supplied in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> .
<b>PRESERVATIVE:</b>	0.05% NaN <sub>3</sub>
<b>APPLICATIONS:</b>	
<b>USAGE RECOMMENDATIONS:</b>	
<b>STORAGE:</b>	Store at 2-8°C
<b>CAUTION:</b>	Not for use in humans.

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