

Product Datasheet

Dengue Virus 2 premembrane (prM) Envelope Antibody (CC5.A9.E10) NBP3-14844-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-14844-0.1mg

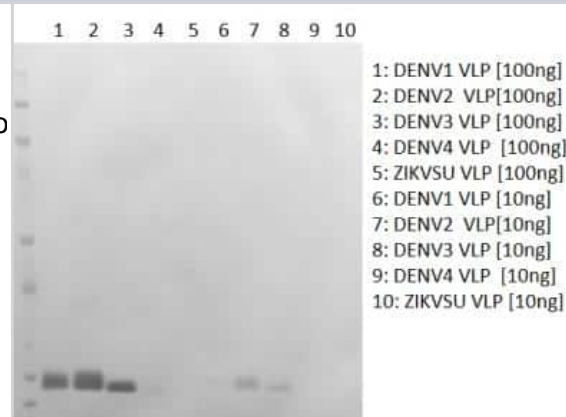
Dengue Virus 2 premembrane (prM) Envelope Antibody (CC5.A9.E10)

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CC5.A9.E10
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS pH 7.4
Product Description	
Host	Mouse
Species	Virus
Reactivity Notes	Dengue
Specificity/Sensitivity	This antibody is specific for the prM protein of Dengue virus. The antibody binds both to native Dengue viruses, and to recombinant Dengue virus-like particles. In Western Blotting the antibody binds less strongly to Dengue Serotype 4 than to other serotypes and does not bind to Dengue Serotype 2 envelope protein. However, in ELISA and Immunofluorescence the antibody binds strongly to all 4 serotypes.
Immunogen	Recombinant Dengue virus Virus-like particles, a mixture of serotypes 1-4
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence

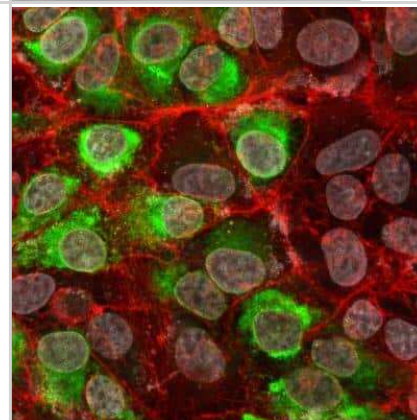


Images

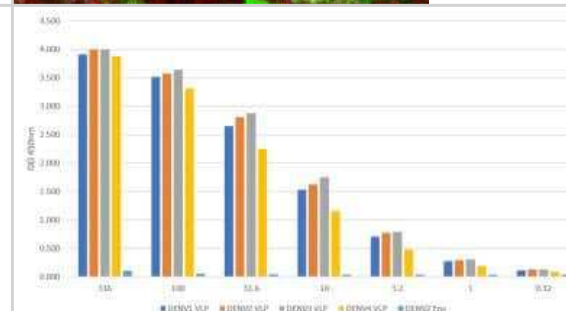
Western Blot: Dengue Virus 2 premembrane (prM) Envelope Antibody (CC5.A9.E10) [NBP3-14844] - Western Blotting of Dengue Virus-Like Particles with Dengue Virus 2 premembrane (prM) Envelope antibody. The antibody binds strongly to DENV serotypes 1-3 in WB, and weakly to DENV4. No reactivity is seen to Zika VLP.



Immunocytochemistry/Immunofluorescence: Dengue Virus 2 premembrane (prM) Envelope Antibody (CC5.A9.E10) [NBP3-14844] - Immunofluorescent staining of Dengue Virus serotype 1 infected cells using Dengue Virus 2 premembrane (prM) Envelope antibody.



ELISA: Dengue Virus 2 premembrane (prM) Envelope Antibody (CC5.A9.E10) [NBP3-14844] - Antigen-down ELISA using Dengue Virus 2 premembrane (prM) Envelope Antibody to detect recombinant Dengue virus VLPs. Dengue Virus 2 premembrane (prM) Envelope Antibody did not detect Dengue virus serotype 2 envelope protein.



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Products Related to NBP3-14844-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-69818	Recombinant Dengue Virus 2 premembrane (prM) Envelope Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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