Product Datasheet

Dengue Virus Capsid Protein Antibody
NBP2-42822

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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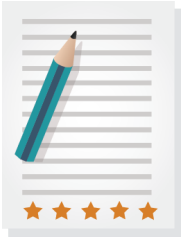


NBP2-42822

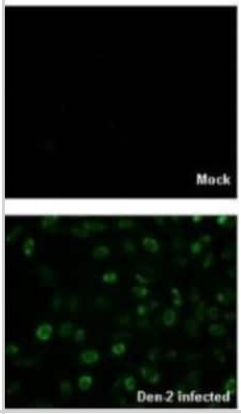
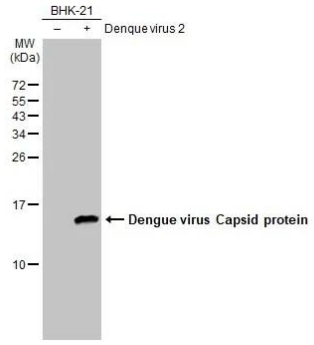
Dengue Virus Capsid Protein Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	12 kDa

Product Description	
Description	Novus Biologicals Rabbit Dengue Virus Capsid Protein Antibody (NBP2-42822) is a polyclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1494449
Gene Symbol	POLY
Species	Virus
Reactivity Notes	Dengue Virus.
Specificity/Sensitivity	Though raised against DEN2 protein, this antibody is predicted to cross-react with the other serotypes based on comparative sequence analysis. Experimental evidence from an independent lab showed that this antibody does not detect the target protein by western blot in DEN1-infected C6/36 mosquito cell lysates.
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of Dengue Virus Capsid Protein (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry Assay dependent, Immunocytochemistry/ Immunofluorescence 1:1000-1:2000
Application Notes	Positive Control: Dengue virus 2 infect BHK-21.

Images

Immunocytochemistry/Immunofluorescence: Dengue Virus Capsid Protein Antibody [NBP2-42822] - Analysis of Denque virus 2-infected BHK-21, using Capside Protein (Dengue virus 2) antibody at 1:2000 dilution.	
Western Blot: Dengue Virus Capsid Protein Antibody [NBP2-42822] - Non-infected (-) and infected (+) BHK-21 whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Dengue Virus Capsid Protein antibody (NBP2-42822) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.	

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Products Related to NBP2-42822

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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