

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.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-42822

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-42822



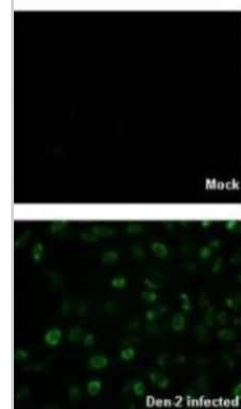
NBP2-42822**Dengue Virus Capsid Protein Antibody**

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.

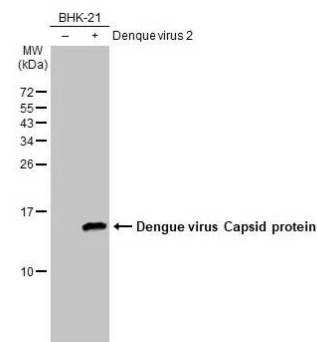


Images

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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-42822

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-42822

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

