

Product Datasheet

Dengue Virus NS1 protein Antibody - BSA Free NBP2-54602

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/NBP2-54602

Updated 9/25/2025 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/NBP2-54602



NBP2-54602**Dengue Virus NS1 protein Antibody - BSA Free**

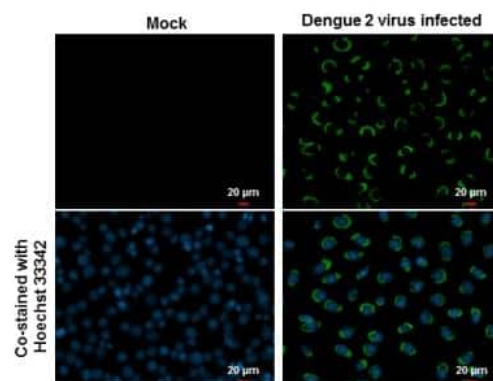
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	40 kDa

Product Description	
Description	Novus Biologicals Rabbit Dengue Virus NS1 protein Antibody - BSA Free (NBP2-54602) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Virus
Reactivity Notes	Though raised against DEN2 protein, this antibody is predicted to cross-react with the other serotypes based on comparative sequence analysis.
Immunogen	Recombinant protein encompassing a sequence within the center region of Dengue Virus NS1 protein (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.

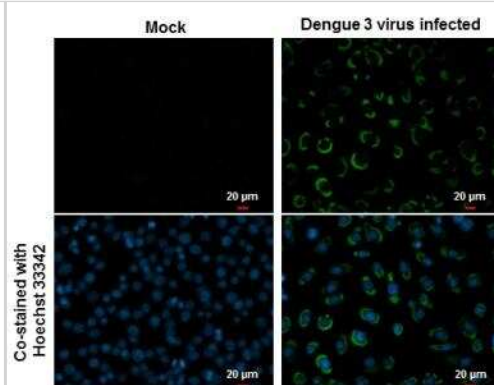
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry Assay Dependent, ELISA Assay Dependent, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:2000, Immunoprecipitation Assay Dependent, Immunohistochemistry-Paraffin 1:100-1:1000

Images

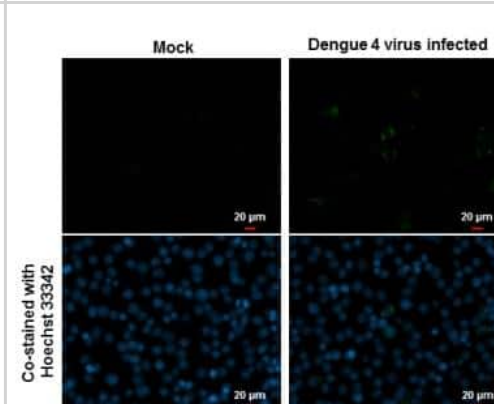
Immunocytochemistry/Immunofluorescence: Dengue Virus NS1 protein Antibody [NBP2-54602] - BHK-21 cells mock (left) and infected with Dengue virus 2 (right) were fixed in MeOH. Green: NS1 (Dengue virus) protein stained by NS1 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



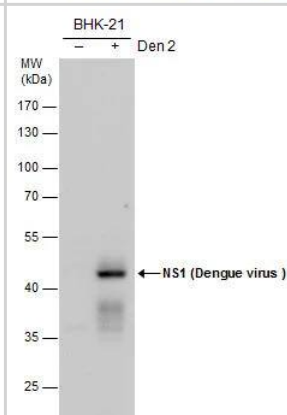
Immunocytochemistry/Immunofluorescence: Dengue Virus NS1 protein Antibody [NBP2-54602] - BHK-21 cells mock (left) and infected with Dengue virus 3 (right) were fixed in MeOH. Green: NS1 (Dengue virus) protein stained by NS1 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



Immunocytochemistry/Immunofluorescence: Dengue Virus NS1 protein Antibody [NBP2-54602] - BHK-21 cells mock (left) and infected with Dengue virus 4 (right) were fixed in MeOH. Green: NS1 (Dengue virus) protein stained by NS1 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



NS1 (Dengue virus) antibody detects NS1 (Dengue virus) protein by Western blot analysis. Un-infected (-) and infected (+, DENV2 infection for) BHK-21 whole cell extracts (20 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with NS1 (Dengue virus) antibody (NBP2-54602) diluted by 1:2000.

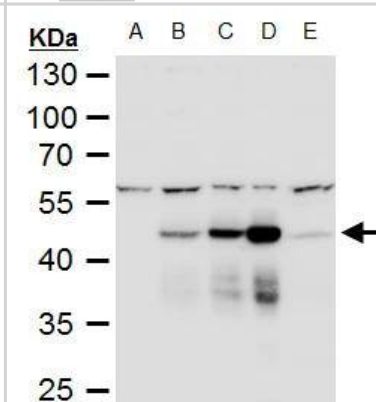


NS1 (Dengue virus) antibody detects NS1 (Dengue virus) protein by western blot analysis.

- A. 66 ug BHK-21 whole cell extract
- B. 66 ug whole cell extract of Dengue virus type 1 infected BHK-21 cells
- C. 20 ug whole cell extract of Dengue virus type 2 infected BHK-21 cells
- D. 10 ug whole cell extract of Dengue virus type 3 infected BHK-21 cells
- E. 66 ug whole cell extract of Dengue virus type 4 infected BHK-21 cells

10% SDS-PAGE

NS1 (Dengue virus) antibody (NBP2-54602) dilution: 1:3000
The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Sample (20 ug of whole cell lysate)

A: BHK-21

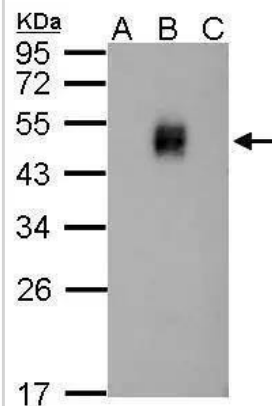
B: Dengue virus 2 infect BHK-21

C: JEV infect BHK-21

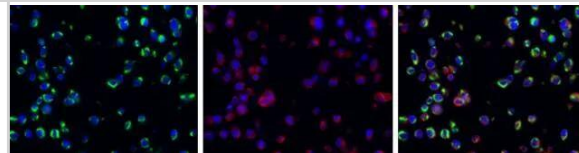
12% SDS PAGE

NBP2-54602 diluted at 1:2000

The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Dengue virus NS1 protein antibody detects Dengue virus NS1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded BHK-21 infected with dengue virus. Green: Dengue virus NS1 protein stained by Dengue virus NS1 protein antibody (NBP2-54602) diluted at 1:2000. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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 NBP2-54602

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.

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/NBP2-54602

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

