

Product Datasheet

Dengue Virus NS3 Antibody

NBP2-42893

Unit Size: 0.1 ml

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

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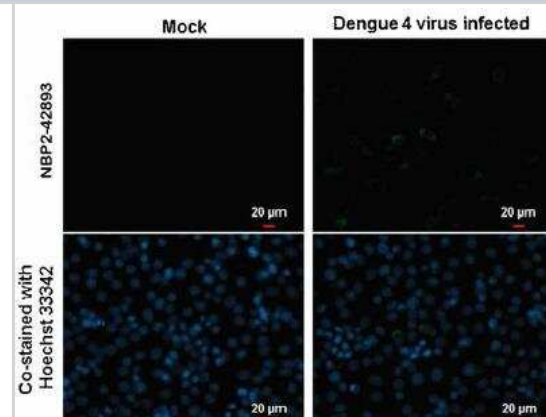
NBP2-42893**Dengue Virus NS3 Antibody**

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 (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	70 kDa
Product Description	
Description	Novus Biologicals Rabbit Dengue Virus NS3 Antibody (NBP2-42893) is a polyclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1494449
Gene Symbol	POLY
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 NS3 (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:2000, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	FACS, IHC, IHC-P-Assay dependent.

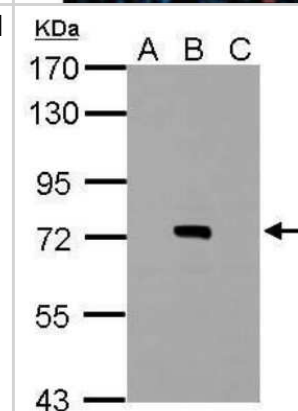


Images

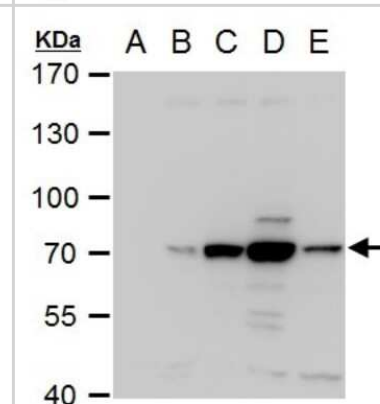
Immunocytochemistry/Immunofluorescence: NS3 Antibody [NBP2-42893] - Analysis of Samples: BHK-21 cells mock (left) and infected with Dengue virus 4 (right) were fixed in MeOH. Green: NS3 (Dengue virus) protein stained by NS3 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



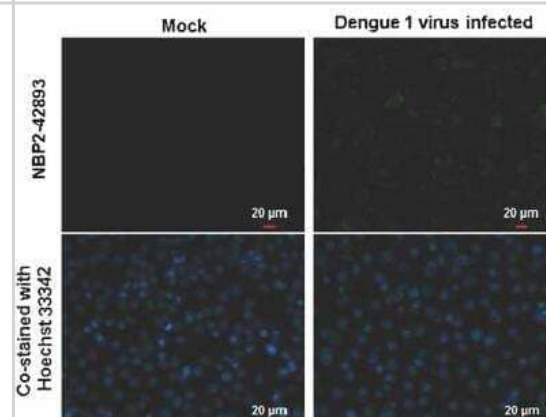
Western Blot: NS3 Antibody [NBP2-42893] - Analysis of 20 ug whole cell lysate. A: BHK-21 B: Dengue virus 2 infect BHK-21 C: JEV infect BHK-21 7.5% SDS PAGE diluted at 1:2000.



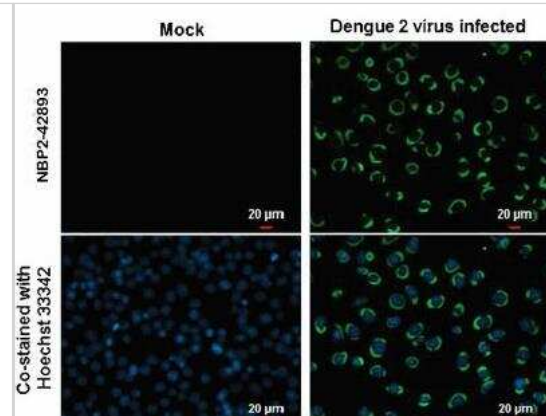
Western Blot: NS3 Antibody [NBP2-42893] - Analysis of A. 30 ug BHK-21 whole cell extract B. 30 ug whole cell extract of Dengue virus type 1 infected BHK-21 cells C. 30 ug whole cell extract of Dengue virus type 2 infected BHK-21 cells D. 30 ug whole cell extract of Dengue virus type 3 infected BHK-21 cells E. 30 ug whole cell extract of Dengue virus type 4 infected BHK-21 cells 7.5 % SDS-PAGE NS3 (Dengue virus) antibody dilution: 1:2000



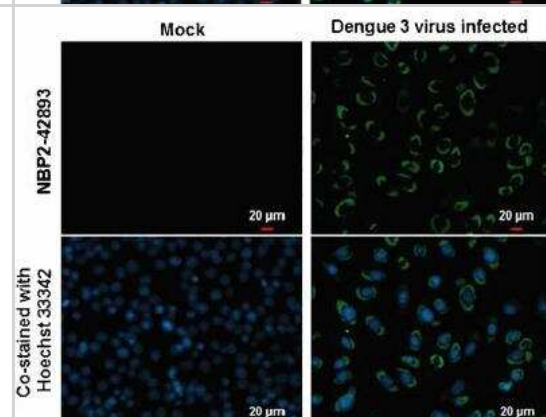
Immunocytochemistry/Immunofluorescence: NS3 Antibody [NBP2-42893] - Analysis of Samples: BHK-21 cells mock (left) and infected with Dengue virus 1 (right) were fixed in MeOH. Green: NS3 (Dengue virus) protein stained by NS3 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



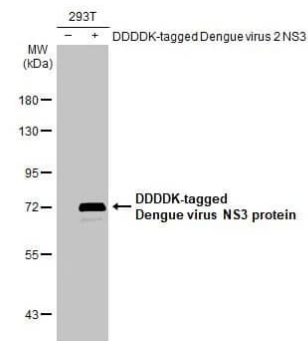
Immunocytochemistry/Immunofluorescence: NS3 Antibody [NBP2-42893] - Analysis of Samples: BHK-21 cells mock (left) and infected with Dengue virus 2 (right) were fixed in MeOH. Green: NS3 (Dengue virus) protein stained by NS3 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



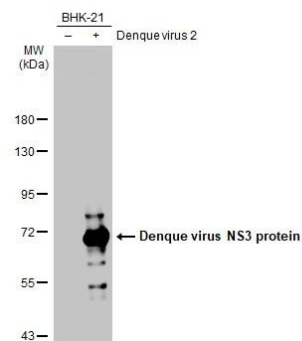
Immunocytochemistry/Immunofluorescence: NS3 Antibody [NBP2-42893] - Analysis of Samples: BHK-21 cells mock (left) and infected with Dengue virus 3 (right) were fixed in MeOH. Green: NS3 (Dengue virus) protein stained by NS3 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



Western Blot: Dengue Virus NS3 Antibody [NBP2-42893] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Dengue Virus NS3 antibody (NBP2-42893) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Dengue Virus NS3 Antibody [NBP2-42893] - Non-infected (-) and infected (+) BHK-21 whole cell extracts (15 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Dengue Virus NS3 antibody (NBP2-42893) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-42893

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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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