

# Product Datasheet

## Dengue Virus NS5 Antibody

### NBP2-42901

Unit Size: 0.1 ml

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

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Updated 9/25/2025 v.20.1

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**NBP2-42901**

## Dengue Virus NS5 Antibody

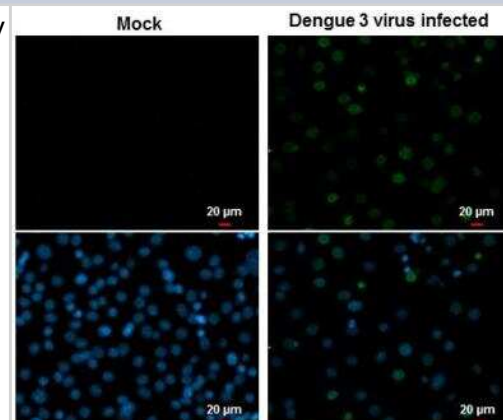
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	105 kDa

Product Description	
Description	Novus Biologicals Rabbit Dengue Virus NS5 Antibody (NBP2-42901) 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	1489713
Gene Symbol	POLY
Species	Virus
Reactivity Notes	Dengue Virus.
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of Dengue Virus NS5 (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.

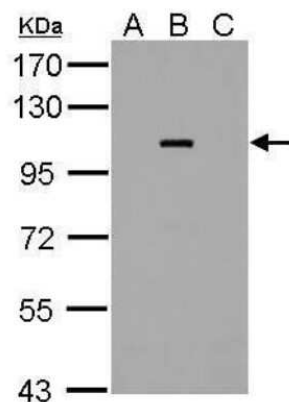
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry Assay dependent, Immunocytochemistry/ Immunofluorescence 1:100-1:2000

**Images**

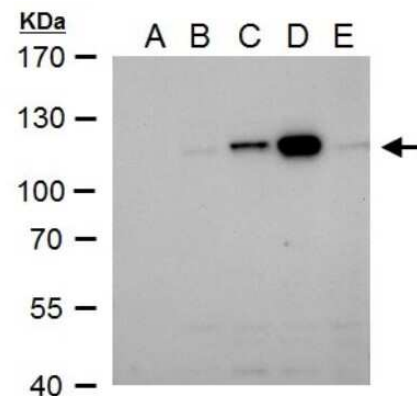
Immunocytochemistry/Immunofluorescence: Dengue Virus NS5 Antibody [NBP2-42901] - BHK-21 cells mock (left) and infected with Dengue virus 3 (right) were fixed in MeOH. Green: NS5 (Dengue virus) protein stained by NS5 (Dengue virus) antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



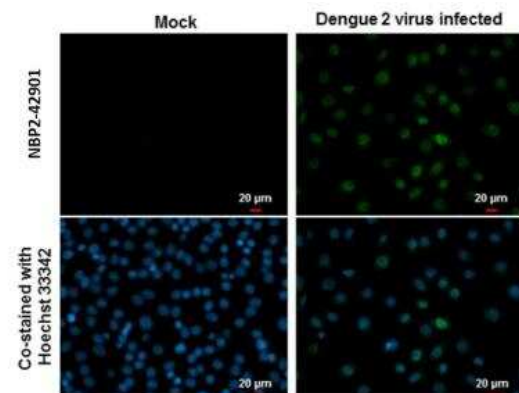
Western Blot: NS5 Antibody [NBP2-42901] - Analysis of 20 ug whole cell lysate. A: BHK-21 B: Dengue virus 2 infect BHK-21 C: JEV infect BHK-21 7.5% SDS PAGE diluted at 1:2000.



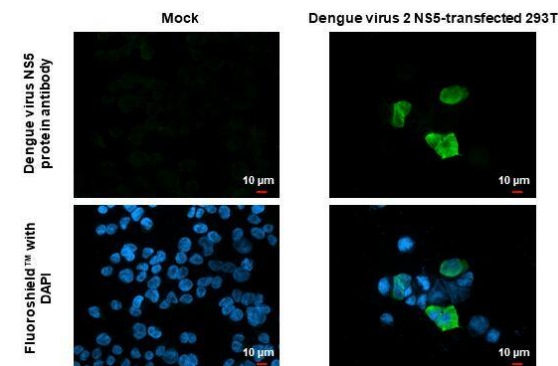
Western Blot: NS5 Antibody [NBP2-42901] - Analysis of A. 30 ug BHK-21 whole cell extract B. 30 ug whole cell extract of Dengue virus type 1 infected BHK-21 cells C. 30 ug whole cell extract of Dengue virus type 2 infected BHK-21 cells D. 30 ug whole cell extract of Dengue virus type 3 infected BHK-21 cells E. 30 ug whole cell extract of Dengue virus type 4 infected BHK-21 cells 7.5 % SDS-PAGE NS5 (Dengue virus) antibody dilution: 1:2000



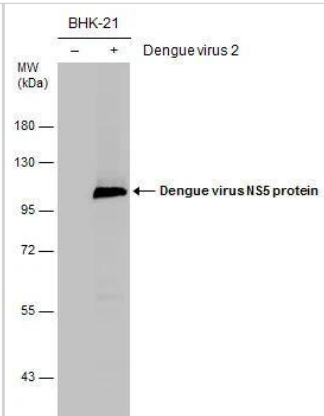
Immunocytochemistry/Immunofluorescence: Dengue Virus NS5 Antibody [NBP2-42901] - Dengue Virus NS5 Antibody detects Dengue Virus NS5 protein at nucleus by immunofluorescent analysis. Samples: BHK-21 cells mock (left) and infected with Dengue virus 2 (right) were fixed in MeOH. Green: Dengue Virus NS5 protein stained by Dengue Virus NS5 antibody diluted at 1:2000. Blue: Hoechst 33342 staining.



Dengue virus NS5 protein antibody detects Dengue virus NS5 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Dengue virus NS5 protein stained by Dengue virus NS5 protein antibody (NBP2-42901) diluted at 1:500. Blue: Fluoroshield™ with DAPI .



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 NS5 protein antibody (NBP2-42901) diluted at 1:2000.





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### **Products Related to NBP2-42901**

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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

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### **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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