

Dengue virus NS1 protein antibody [HL4997]

Cat. No. GTX645090

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Dengue virus 2

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	Assay dependent

Not tested in other applications.

Product Note

This antibody recognizes for DENV-2 NS1 protein, and it does not cross-react with JEV, CHIKV, Zika, and DENV-1 NS1 protein, but may minor cross react with DENV-3 and DENV-4 NS1 protein.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of Dengue virus NS1 protein.(strain 16681 PDK 53)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

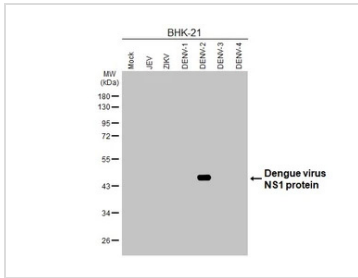
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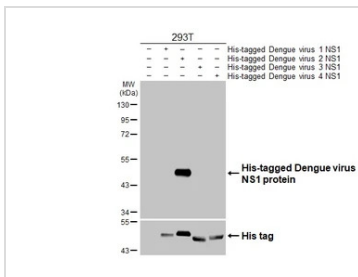
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DATA IMAGES



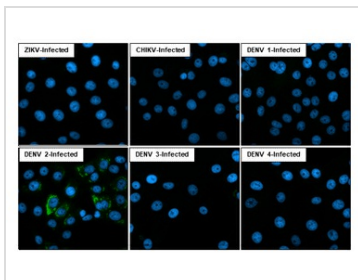
GTX645090 WB Image

Non-infected and infected BHK-21 whole cell extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Dengue virus NS1 protein antibody [HL4997] (GTX645090) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX645090 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Dengue virus NS1 protein antibody [HL4997] (GTX645090) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX645090 ICC/IF Image

Dengue virus NS1 protein antibody [HL4997] detects Dengue virus NS1 protein by immunofluorescent analysis.

Sample: Virus infected cells.

Green: Dengue virus NS1 protein stained by Dengue virus NS1 protein antibody [HL4997] (GTX645090) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).



For full product information, images and publications, please visit our [website](https://www.genetex.com).