

Zika virus NS3 protein antibody [HL4975]

Cat. No. GTX645061

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Sandwich ELISA
Reactivity	Zika virus

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX645061, Detection: GTX644943

Please notice that the detection antibody needs to be conjugated to HRP to function as the detection antibody when paired with the capture antibody. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note

This antibody is specific for Zika virus NS3 protein, and it does not cross-react with JEV, DENV-1, DENV-2, DENV-3, and DENV-4 NS3 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	Recombinant fragment of Zika virus NS3 protein.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

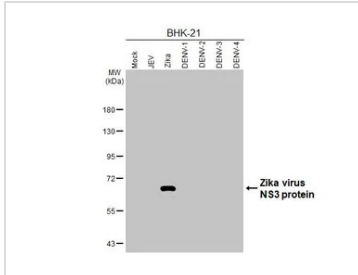
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Note

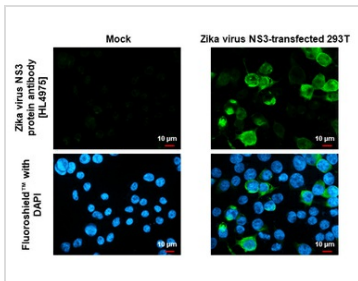
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DATA IMAGES



GTX645061 WB Image

Non-infected and infected BHK-21 whole cell extracts (5 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Zika virus NS3 protein antibody [HL4975] (GTX645061) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



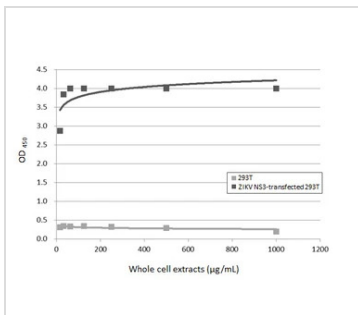
GTX645061 ICC/IF Image

Zika virus NS3 protein antibody [HL4975] detects Zika virus NS3 protein protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Zika virus NS3 protein stained by Zika virus NS3 protein antibody [HL4975] (GTX645061) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX645061 ELISA Image

Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using antibodies as below.

Capture: Zika virus NS3 protein antibody [HL4975] (GTX645061) (5 µg/mL)

Detection: HRP-conjugated Zika virus NS3 protein antibody [HL4878] (GTX644943) (1 µg/mL)

Please notice that GTX644943 needs to be conjugated to HRP to function as the detection antibody when paired with GTX645061. Please contact us for custom HRP-conjugated antibody.



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