Japanese encephalitis virus NS5 antibody [HL5380]

Cat. No. GTX645948

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ELISA, Sandwich ELISA
Reactivity	Japanese encephalitis virus

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX645948, Detection: GTX131360
Please notice that the detection antibody needs to be conjugated to HRP to function as the detection antibody when paired with the capture one.
Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note	This antibody was raised against JEV NS5 protein, and it does not cross-react with Zika, DENV-1, DENV-2, DENV-3, and DENV-4 NS5 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 4ºC. For long-term storage, aliquot and store at -20ºC 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 Japanese encephalitis virus NS5. (#strain Jaoars982)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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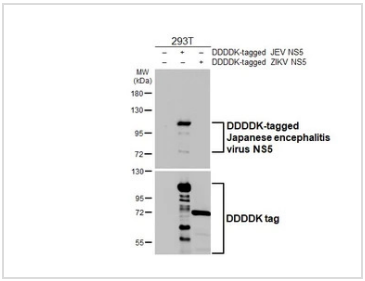
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

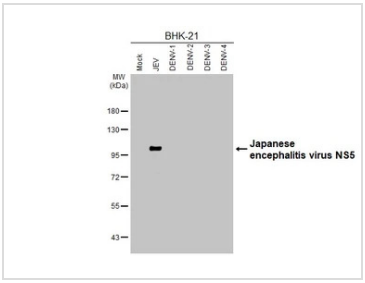
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



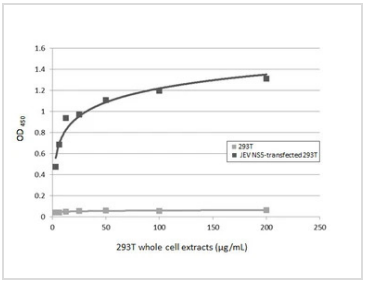
GTX645948 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts were separated by 7.5% SDS-PAGE, and the membrane was blotted with Japanese encephalitis virus NS5 antibody [HL5380] (GTX645948) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



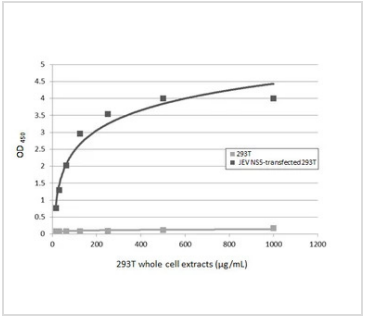
GTX645948 WB Image

Non-infected and infected BHK-21 whole cell extracts (5 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Japanese encephalitis virus NS5 antibody [HL5380] (GTX645948) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX645948 ELISA Image

Indirect ELISA analysis was performed by coating the plate with non-transfected and transfected 293T whole cell extracts (3.13-200 µg/mL). Coated protein was probed with Japanese encephalitis virus NS5 antibody [HL5380] (GTX645948) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX645948 ELISA Image

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

Capture: Japanese encephalitis virus NS5 antibody [HL5380] (GTX645948) (5 µg/mL)
Detection: HRP-conjugated Japanese encephalitis virus NS5 antibody (GTX131360) (1 µg/mL)
Please notice that GTX131360 needs to be conjugated to HRP to function as the detection antibody when paired with GTX645948. Please contact us for custom HRP-conjugated antibody.

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