

West Nile virus NS3 protein antibody [HL4682]

Cat. No. GTX644683

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

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX644683, Detection: GTX131955

Please notice that the detected 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.

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 West Nile virus NS3 protein. (#NY99-IC)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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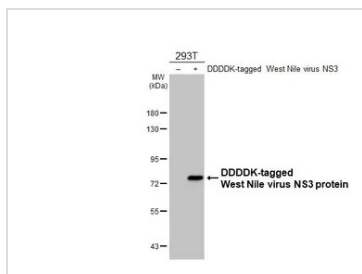
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

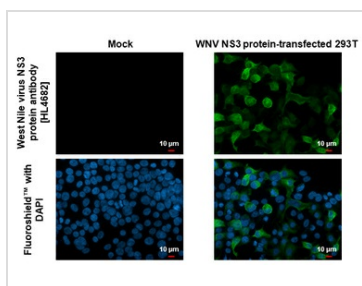
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DATA IMAGES



GTX644683 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with West Nile virus NS3 protein antibody [HL4682] (GTX644683) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



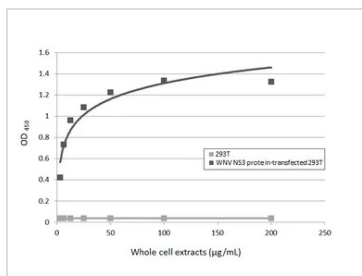
GTX644683 ICC/IF Image

West Nile virus NS3 protein antibody [HL4682] detects West Nile virus NS3 protein protein by immunofluorescent analysis.

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

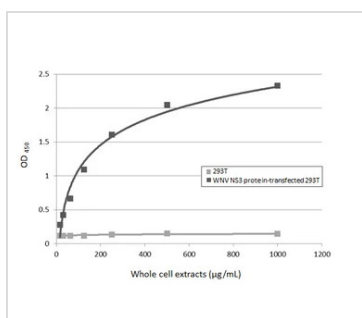
Green: West Nile virus NS3 protein stained by West Nile virus NS3 protein antibody [HL4682] (GTX644683) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX644683 ELISA Image

Indirect ELISA analysis was performed by coating the plate with non-transfected and transfected 293T whole cell extracts. Coated protein was probed with West Nile virus NS3 protein antibody [HL4682] (GTX644683) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX644683 ELISA Image

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

Capture: West Nile virus NS3 protein antibody [HL4682] (GTX644683) (5 µg/mL)

Detection: HRP-conjugated West Nile virus NS3 protein antibody (GTX131955) (1 µg/mL)

Please notice that GTX131955 needs to be conjugated to HRP to function as the detection antibody when paired with GTX644683. Please contact us for custom HRP-conjugated antibody.



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