West Nile virus Envelope antibody

Cat. No. GTX132052

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	West Nile virus

References (5)

Review (2)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Product Note	This antibody is specific for Envelope protein of West Nile virus, and it does not recognize Envelope protein of Deer tick virus (DTV) and Japanese Encephalitis Virus (JEV).

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.38 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of West Nile virus Envelope protein (West Nile virus (strain NY99-IC)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
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.

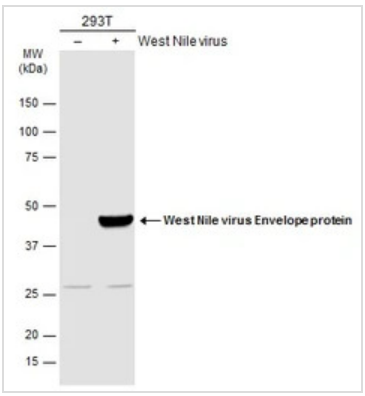
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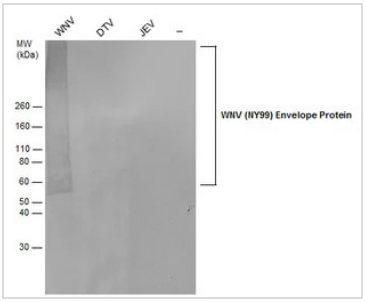
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DATA IMAGES



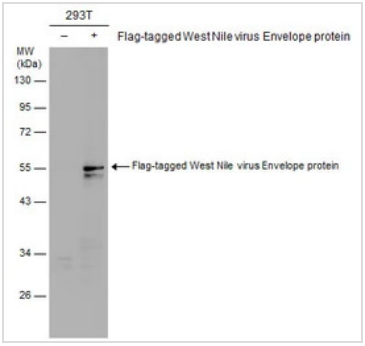
GTX132052 WB Image

Non-infected (–) and infected (+) 293T whole cell extracts were separated by 4-20% SDS-PAGE, and the membrane was blotted with West Nile virus Envelope protein antibody (GTX132052) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



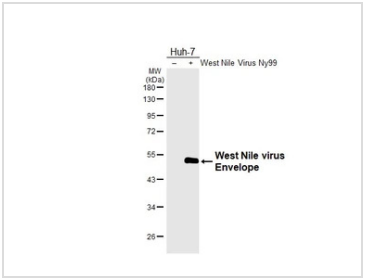
GTX132052 WB Image

Non-infected (–) and infected Vero whole cell extracts were separated by SDS-PAGE, and the membrane was blotted with West Nile virus Envelope protein antibody (GTX132052).



GTX132052 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with West Nile virus Envelope protein antibody (GTX132052) diluted at 1:5000.



GTX132052 WB Image

Non-infected (–) and infected (+) Huh-7 whole cell extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with West Nile virus Envelope antibody (GTX132052) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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