Japanese encephalitis virus Envelope antibody

Cat. No. GTX125867

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-P (cell pellet)
Reactivity	Japanese encephalitis virus

References (20)

Review (1)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:2000
IHC-P	1:100-1:1000
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

Calculated MW	53 kDa. (Note)
Product Note	This antibody is specific for JEV Envelope protein, and it does not cross-react with Zika, DENV-1, DENV-2, DENV-3, and DENV-4 Envelope protein.

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	1.18 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of Envelope protein (JEV). (Japanese Encephalitis Virus strain Jaoars982) The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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

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Note

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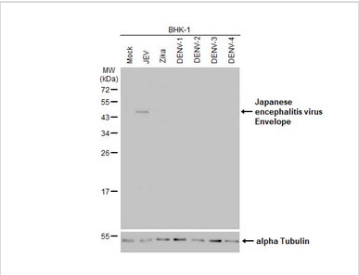
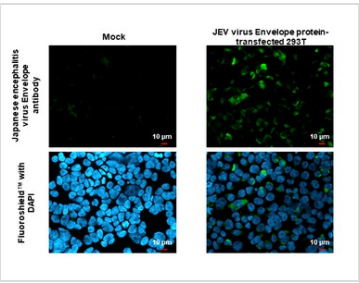
DATA IMAGES



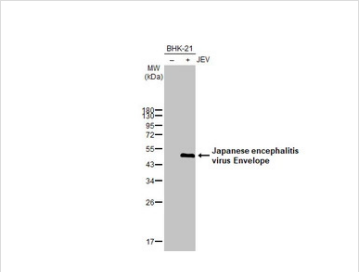
GTX125867 WB Image

Non-infected (–) and infected (+) BHK-21 whole cell extracts were separated by 12% SDS-PAGE, and the membrane was blotted with Japanese encephalitis virus Envelope antibody (GTX125867) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



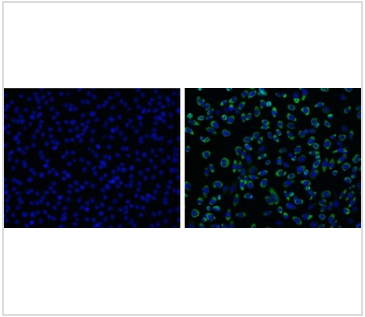
GTX125867 ICC/IF Image

Japanese encephalitis virus Envelope antibody detects Japanese encephalitis virus Envelope protein by immunofluorescent analysis.
Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Japanese encephalitis virus Envelope stained by Japanese encephalitis virus Envelope antibody (GTX125867) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



GTX125867 WB Image

Non-infected (–) and infected (+) BHK-21 whole cell extracts (5 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Japanese encephalitis virus Envelope antibody (GTX125867) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX125867 ICC/IF Image

Envelope protein (Japanese encephalitis virus) antibody detects envelope protein (Japanese encephalitis virus) protein by immunofluorescent analysis.
Samples: BHK-21 cells mock (left) and infected with Japanese encephalitis viruswere fixed in MeOH.
Green: envelope protein (Japanese encephalitis virus) protein stained by Envelope protein (Japanese encephalitis virus) antibody (GTX125867) diluted at 1:2000.
Blue: Hoechst 33342 staining.

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