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 (18)

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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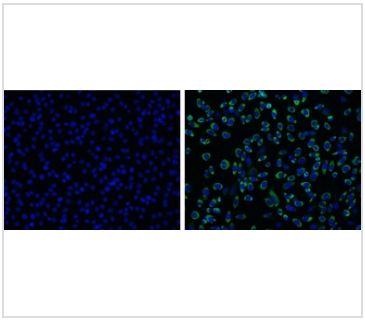
Note

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

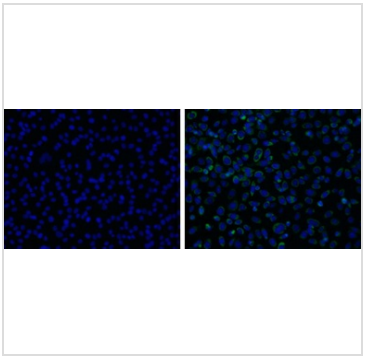
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



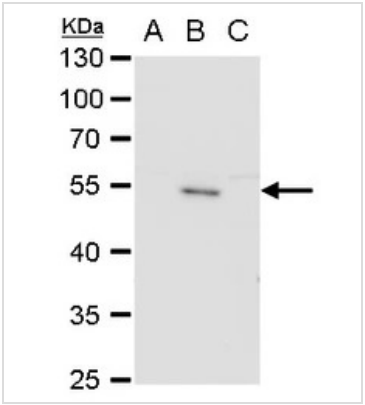
GTX125867 ICC/IF Image

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.



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 paraformaldehyde.
Green: envelope protein (Japanese encephalitis virus) protein stained by Envelope protein (Japanese encephalitis virus) antibody (GTX125867) diluted at 1:2000.
Blue: Hoechst 33342 staining.



GTX125867 WB Image

envelope protein (Japanese encephalitis virus) antibody detects envelope protein (Japanese encephalitis virus) protein by western blot analysis.
A. 10 µg BHK-21 whole cell extract
B. 10 µg whole cell extract of Japanese encephalitis virus infected BHK-21 cells
C. 10 µg whole cell extract of Dengue virus type 2 infected BHK-21 cells
10% SDS-PAGE
envelope protein (Japanese encephalitis virus) antibody (GTX125867) dilution: 1:20000
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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