Zika virus Envelope protein antibody

Cat. No. GTX133314

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Zika virus

References (120)

Review (6)

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
ICC/IF	1:100-1:1000
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW	54 kDa. (Note)
Product Note	This antibody was raised against the Zika virus Envelope protein (strain: H/PF/2013), and the immunogen shares 100% sequence identity with strain MR 766.

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	1.43 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of Zika virus Envelope protein (Zika virus (strain H/PF/2013)). 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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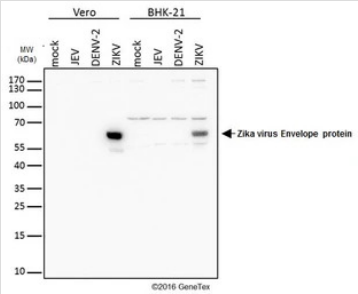
Note

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

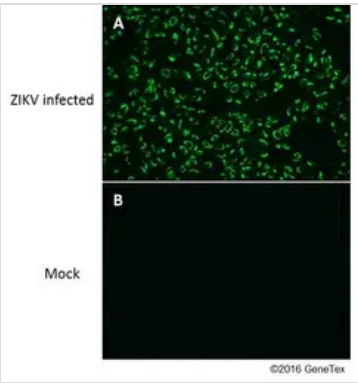
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



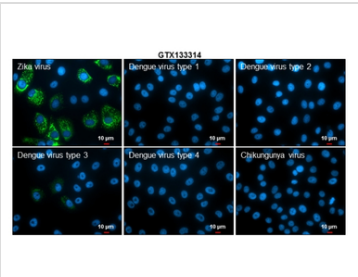
GTX133314 WB Image

Mock and infected Vero and BHK-21 whole cell extracts (20 µg) were separated by gradient gel, and the membrane was blotted with Zika virus Envelope protein antibody (GTX133314) diluted at 1:4000.
This image was provided courtesy of cooperative research laboratories.



GTX133314 ICC/IF Image

Immunofluorescent analysis of Zika Virus-PRVABC59 infected (A) and non-infected (B) vero cells using Zika virus Envelope protein antibody (GTX133314).
Green: Zika virus Envelope protein antibody (GTX133314) diluted at 1:4000.
This image was provided courtesy of cooperative research laboratories.



GTX133314 ICC/IF Image

Immunofluorescent analysis of arboviruses infected cells using Zika virus Envelope protein antibody (GTX133314).
Samples: EUROIMMUN Arboviral Fever Mosaic 2 slide (FR 2668-1010-1).
Green: Zika virus Envelope protein antibody (GTX133314) diluted at 1:500.
Blue: Hoechst 33342 staining.
Scale bar = 10 µm.

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