

## Zika virus Envelope protein antibody

Cat. No. GTX133314

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

References ( 123 )

★★★★★ 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 4°C. For long-term storage, aliquot and store at -20°C 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



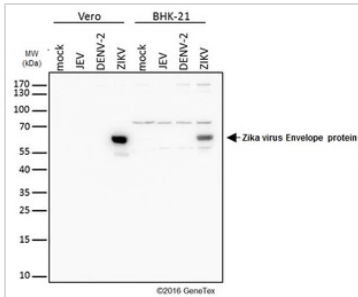
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#### Note

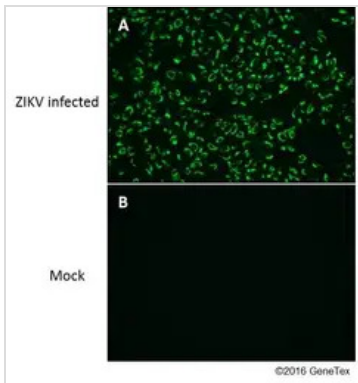
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#### DATA IMAGES



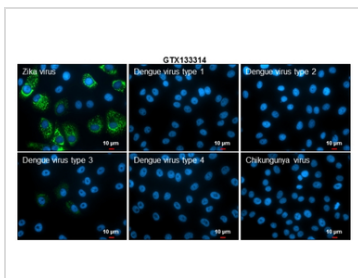
#### GTX133314 WB Image

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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