

## Zika virus Envelope protein antibody

**Cat. No. GTX133314**

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

References ( 132 )

★★★★☆ 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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	1.43 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	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.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

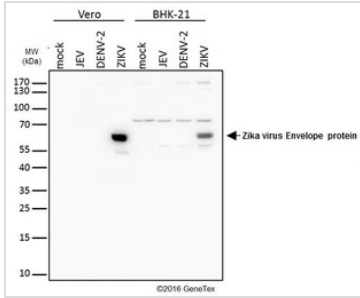
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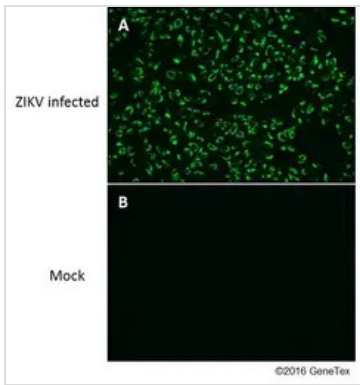
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DATA IMAGES



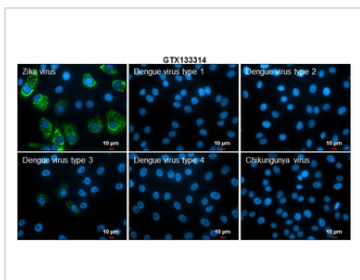
**GTX133314 WB Image**

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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