

## Zika virus NS5 protein antibody

**Cat. No. GTX133312**

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

References ( 42 )

★★★★☆ Review ( 2 )

Package

100 µl, 25 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:100-1:10000
ICC/IF	1:100-1:1000

Not tested in other applications.

**Calculated MW** 103 kDa. ( [Note](#) )**Product Note**

This antibody was raised against the Zika virus NS5 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>	1.23 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 NS5 protein (Zika virus (strain H/PF/2013)). The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

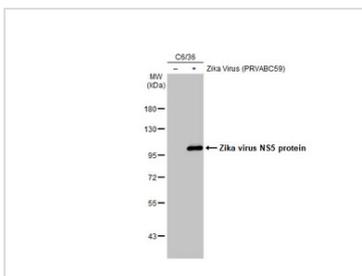
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**Note**

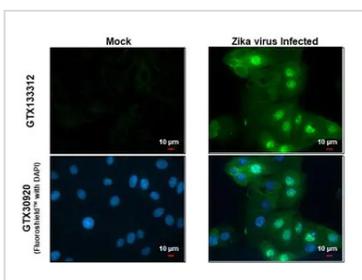
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DATA IMAGES



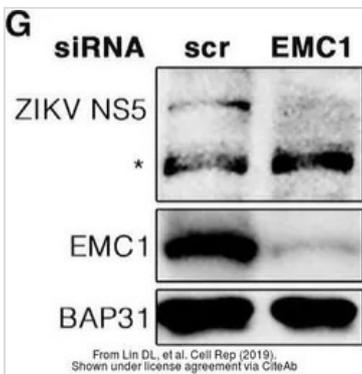
**GTX133312 WB Image**

Non-infected (-) and infected (+) C6/36 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Zika virus NS5 protein antibody (GTX133312) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



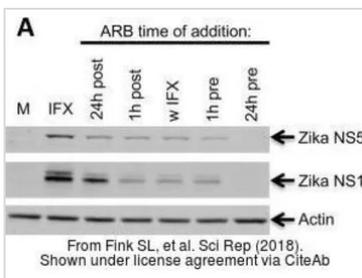
**GTX133312 ICC/IF Image**

Immunofluorescent analysis of Zika virus infected cells using Zika virus NS5 protein antibody (GTX133312). Sample: Mock and zika virus-infected cells. Green: Zika virus NS5 protein antibody (GTX133312) diluted at 1:100.



**GTX133312 WB Image**

The data was published in the journal Cell Rep in 2019. [PMID: 31067454](https://pubmed.ncbi.nlm.nih.gov/31067454/)



**GTX133312 WB Image**

The data was published in the journal Sci Rep in 2018. [PMID: 29895962](https://pubmed.ncbi.nlm.nih.gov/29895962/)



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