

## Japanese encephalitis virus NS3 antibody

**Cat. No. GTX125868**

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

References ( 41 )

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	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

**Calculated MW** 69 kDa. ( [Note](#) )

## 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>	1.45 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of NS3 (JEV). (Japanese Encephalitis Virus strain Jaoars982) The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

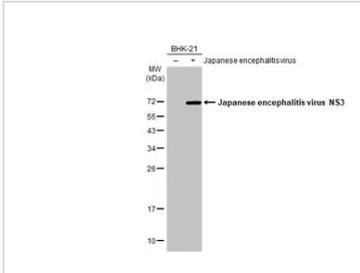


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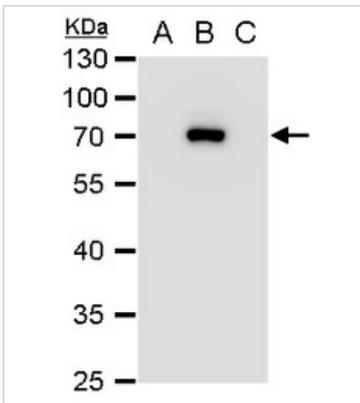
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DATA IMAGES



**GTX125868 WB Image**

Non-infected (-) and infected (+) BHK-21 whole cell extract (5 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Japanese encephalitis virus NS3 antibody (GTX125868) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX125868 WB Image**

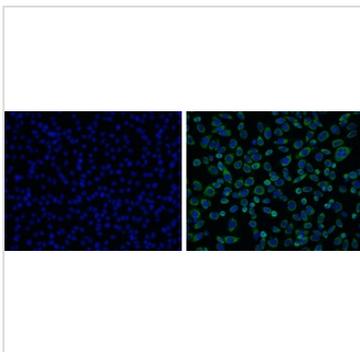
NS3 (Japanese encephalitis virus) antibody detects NS3 (Japanese encephalitis virus) protein by western blot analysis.

- 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

NS3 (Japanese encephalitis virus) antibody (GTX125868) dilution: 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



**GTX125868 ICC/IF Image**

NS3 (Japanese encephalitis virus) antibody detects NS3 (Japanese encephalitis virus) protein by immunofluorescent analysis.

Samples: BHK-21 cells mock (left) and infected with Japanese encephalitis virus (right) were fixed in paraformaldehyde.

Green: NS3 (Japanese encephalitis virus) protein stained by NS3 (Japanese encephalitis virus) antibody (GTX125868) diluted at 1:2000.

Blue: Hoechst 33342 staining.



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