

## Dengue virus NS1 protein antibody [GT4212]

**Cat. No. GTX630556**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	WB, ICC/IF
<b>Reactivity</b>	Dengue virus 2, Dengue virus 4

References ( 4 )

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	1:100-1:1000

Not tested in other applications.

**Calculated MW** 40 kDa. ( [Note](#) )**Product Note**

The validated Dengue virus serotype for each application may differ. Please refer to the validated data. This antibody does not cross-react with Zika and CHIKV Envelope protein.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No preservatives
<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 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 Dengue virus NS1 protein (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

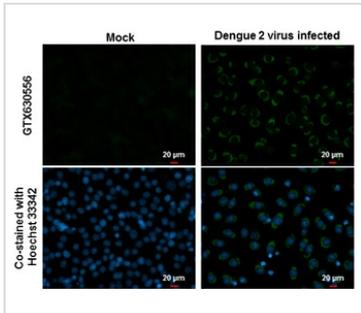


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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**  
 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



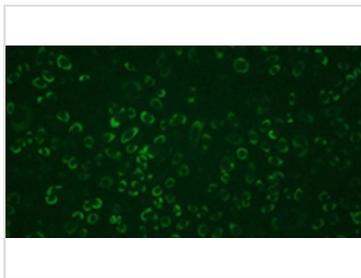
**GTX630556 ICC/IF Image**

NS1 (Dengue virus ) antibody [GT4212] detects NS1 (Dengue virus ) protein at cytoplasm by immunofluorescent analysis.

Samples: BHK-21 cells mock (left) and infected with Dengue virus 2 (right) were fixed in MeOH.

Green: NS1 (Dengue virus ) protein stained by NS1 (Dengue virus ) antibody [GT4212] (GTX630556) diluted at 1:1000.

Blue: Hoechst 33342 staining.

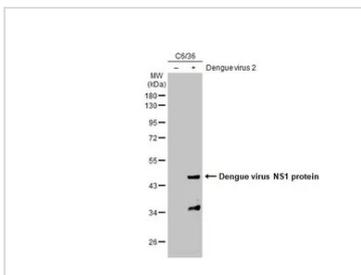


**GTX630556 ICC/IF Image**

NS1 (DEN) antibody [GT4212] (GTX630556) mouse mAb. IFA of MeOH/Acetone-fixed DEN2-infected BHK-21 cells (1:1000).

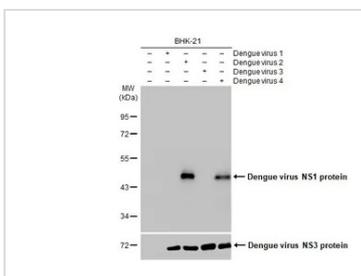
Green: non-structural protein 1 (Dengue virus 2) protein stained by NS1 (Dengue virus ) antibody [GT4212] (GTX630556) diluted at 1:1000.

Blue: DAPI staining.



**GTX630556 WB Image**

Non-infected (-) and infected (+) C6/36 whole cell extracts (15 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Dengue virus NS1 protein antibody [GT4212] (GTX630556) diluted at 1:20000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



**GTX630556 WB Image**

Non-infected (-) and infected (+) BHK-21 whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Dengue virus NS1 protein antibody [GT4212] (GTX630556) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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