

## Dengue virus NS1 protein antibody [GT4212]

Cat. No. GTX630556

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF
Reactivity	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

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	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.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



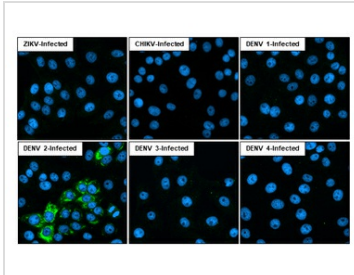
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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.

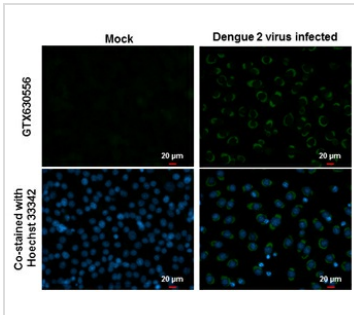
**DATA IMAGES**

**GTX630556 ICC/IF Image**

Immunofluorescent analysis of Dengue virus infected cells using Dengue virus NS1 protein antibody [GT4212] antibody (GTX630556).

Sample: Multiple virus infected cells slide.

Green: Dengue virus NS1 protein antibody [GT4212] antibody (GTX630556) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).

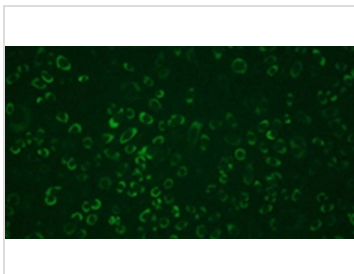

**GTX630556 ICC/IF Image**

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.

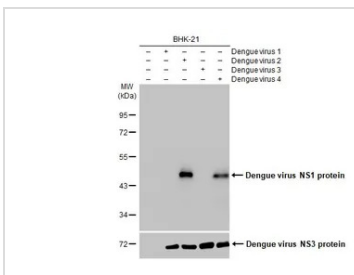
Blue: Hoechst 33342 staining.


**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 (+) 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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