

Dengue virus NS1 protein antibody [GT4212]

Cat. No. GTX630556

Host	Mouse
Clonality	Monoclonal
Isotype	lgG2a
Applications	WB, ICC/IF
Reactivity	Dengue virus 2, Dengue virus 4

References (4)
Package
100 μl, 25 μl

Applications

Application Note

Calculated MW

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

40 kDa. (Note)

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
Not tested in other applications.	

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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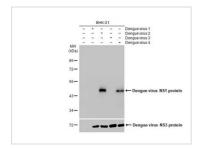


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Note

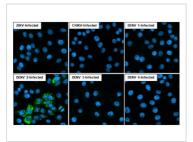
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DATA IMAGES



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.



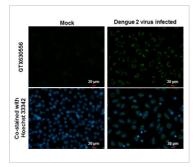
GTX630556 ICC/IF Image

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).

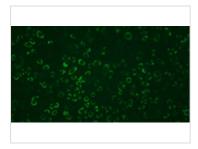


GTX630556 ICC/IF Image

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.



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