

Dengue virus NS3 protein antibody [GT2811]

Cat. No. GTX629477

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, ELISA
Reactivity	Dengue virus 1, Dengue virus 2, Dengue virus 3, Dengue virus 4

References (29)

★★★★★ Review (3)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:2000
ELISA	Assay dependent

Not tested in other applications.

Calculated MW 69 kDa. ([Note](#))**Product Note** This antibody does not cross-react with JEV 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	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of Dengue virus NS3 protein (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

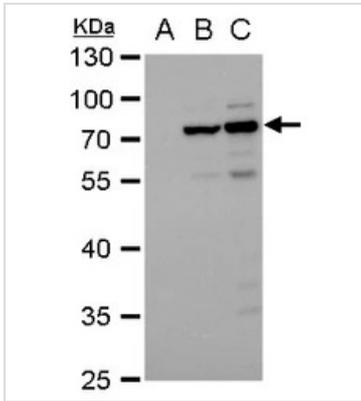


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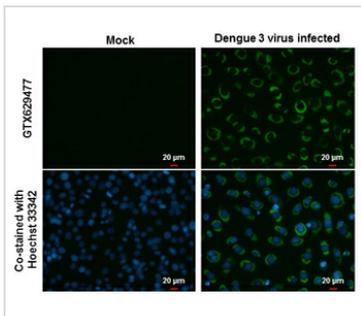
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DATA IMAGES



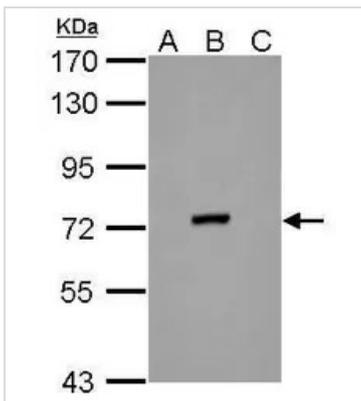
GTX629477 WB Image

NS3 (Dengue virus) antibody [GT2811] detects NS3 (Dengue virus) protein by western blot analysis.
 A. 66 µg BHK-21 whole cell extract
 B. 20 µg whole cell extract of Dengue virus type 2 infected BHK-21 cells
 C. 10 µg whole cell extract of Dengue virus type 3 infected BHK-21 cells
 10% SDS-PAGE
 NS3 (Dengue virus) antibody [GT2811] (GTX629477) dilution: 1:5000
 The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.
 The results may vary from different DENV strains, viral infection status, and culture conditions.
 Reference: [Proc Natl Acad Sci U S A. 2013 Apr 23;110\(17\):6795-9](#), [J Infect Dis. 2011 Jun 15;203\(12\):1775-83](#).



GTX629477 ICC/IF Image

NS3 (Dengue virus) antibody [GT2811] detects NS3 (Dengue virus) protein at cytoplasm by immunofluorescent analysis.
 Samples: BHK-21 cells mock (left) and infected with Dengue virus 3 (right) were fixed in paraformaldehyde.
 Green: NS3 (Dengue virus) protein stained by NS3 (Dengue virus) antibody [GT2811] (GTX629477) diluted at 1:2000.
 Blue: Hoechst 33342 staining.



GTX629477 WB Image

NS3 (Dengue Virus 2) antibody [GT2811] detects NS3 protein by western blot analysis.
 A. 30 µg BHK21 whole cell lysate/extract
 B. 30 µg whole cell lysate/extract of Dengue virus 2 infected BHK21 cells
 C. 30 µg whole cell lysate/extract of Japanese encephalitis virus infected BHK21 cells
 7.5% SDS-PAGE
 NS3 (Dengue Virus 2) antibody [GT2811] (GTX629477) dilution: 1:5000
 The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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