

Dengue virus prM protein antibody

Cat. No. GTX128093

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF
Reactivity	Dengue virus 2

Reference (15)

 Review (1)

Package

100 µl, 25 µl

APPLICATION

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

Not tested in other applications.

Calculated MW 22 kDa. ([Note](#))

Product Note

This antibody was raised against Dengue virus 2 prM protein, which may cross react with prM protein of Dengue virus 1/3/4 but does not recognize with prM protein of JEV.

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.01% Thimerosal
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 PrM protein (Dengue virus 2 (strain 16681 PDK 53)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



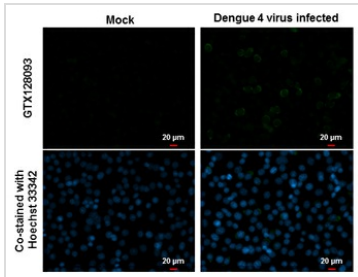
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Note

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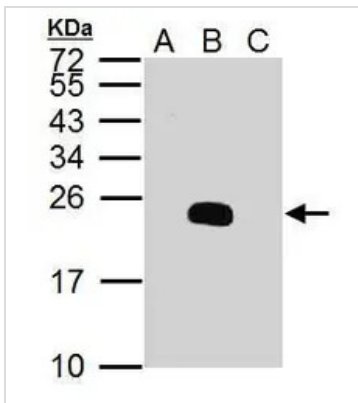
DATA IMAGES

GTx128093 ICC/IF Image

prM (Dengue virus) antibody detects prM (Dengue virus) protein at cytoplasm by immunofluorescent analysis.

Samples: BHK-21 cells mock (left) and infected with Dengue virus 4 (right) were fixed in MeOH.

Green: prM (Dengue virus) protein stained by prM (Dengue virus) antibody (GTx128093) diluted at 1:2000.

Blue: Hoechst 33342 staining.


GTx128093 WB Image

prM (Dengue virus 2) antibody detects prM (Dengue virus 2) protein by western blot analysis.

A. 30 μg BHK-21 whole cell lysate/extract

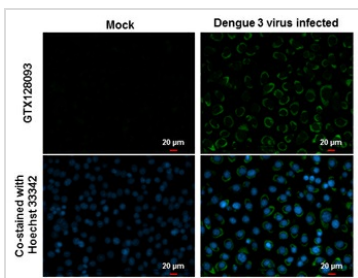
B. 30 μg whole cell lysate/extract of Dengue virus 2 infected BHK-21 cells

C. 30 μg whole cell lysate/extract of JEV virus infected BHK-21 cells

15% SDS-PAGE

prM (Dengue virus 2) antibody (GTx128093) dilution: 1:5000

The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

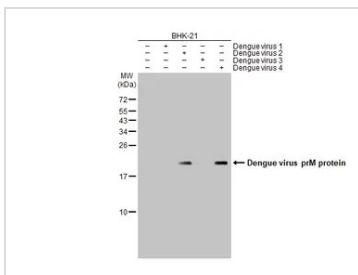

GTx128093 ICC/IF Image

prM (Dengue virus) antibody detects prM (Dengue virus) protein at cytoplasm by immunofluorescent analysis.

Samples: BHK-21 cells mock (left) and infected with Dengue virus 3 (right) were fixed in MeOH.

Green: prM (Dengue virus) protein stained by prM (Dengue virus) antibody (GTx128093) diluted at 1:2000.

Blue: Hoechst 33342 staining.


GTx128093 WB Image

Non-infected (–) and infected (+) BHK-21 whole cell extracts were separated by 15% SDS-PAGE, and the

membrane was blotted with Dengue virus prM protein antibody (GTx128093) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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