

Dengue virus prM protein antibody [HL3287]

Cat. No. GTX640941

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Dengue virus 1, Dengue virus 2, Dengue virus 3, Dengue virus 4

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent

Not tested in other applications.

Product Note

This antibody is specific for Dengue virus type 2 prM protein, and it does not cross-react with Dengue virus type 2 M protein. It does not cross-react with prM protein of ZIKV, JEV, and CHIKV. The validated Dengue virus serotype for each application may differ. Please refer to the validated data.

Properties

Form	Liquid
Buffer	PBS
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
Immunogen	Recombinant fragment of Dengue virus prM protein.(strain Thailand/16681/1984)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

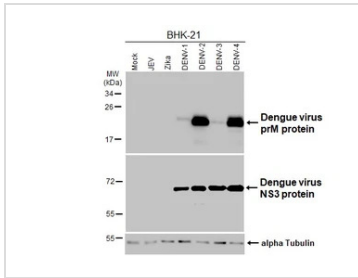
Note

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

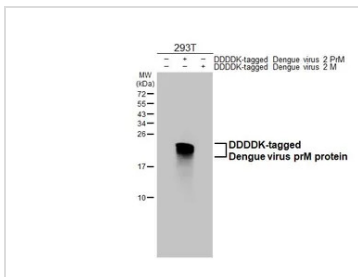
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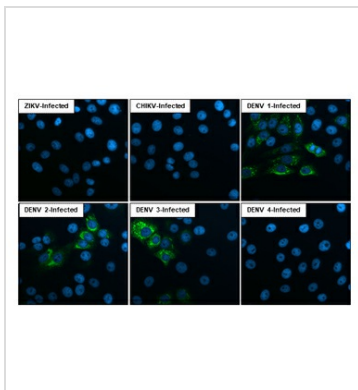
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DATA IMAGES

GTX640941 WB Image

Non-infected and infected BHK-21 whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Dengue virus prM protein antibody [HL3287] (GTX640941) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640941 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts were separated by 15% SDS-PAGE, and the membrane was blotted with Dengue virus prM protein antibody [HL3287] (GTX640941) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX640941 ICC/IF Image

Dengue virus prM protein antibody [HL3287] detects Dengue virus prM protein protein by immunofluorescent analysis.

Sample: Mock and infected Multiple virus infected cells slide cells were fixed in Multiple virus kit.

Green: Dengue virus prM protein stained by Dengue virus prM protein antibody [HL3287] (GTX640941) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTX30920).

This antibody does not cross-react with Zika virus (ZIKV), Japanese Encephalitis virus (JEV) and Chikungunya virus (CHIKV). The validated Dengue virus serotype for each application may differ. Please refer to the validated data.



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