

Anti-Dengue Virus prM Antibody, DM1.

Catalog #: 0225-PP-001

Description:

Dengue virus group-specific mouse monoclonal antibody. This monoclonal antibody reacts mainly with a conformational epitope present on DENV1, 2, 3 and 4.

Immunogen/ Target:

DENV E and prM eluted from SDS-PAGE gels.

Formulation & Storage: Supplied as cell culture supernatant and contains ProClin150. Store at +4°C for stable

Notes & Usage Guidelines:

Clonality/Isotype: monoclonal/ IgG1, Kappa.

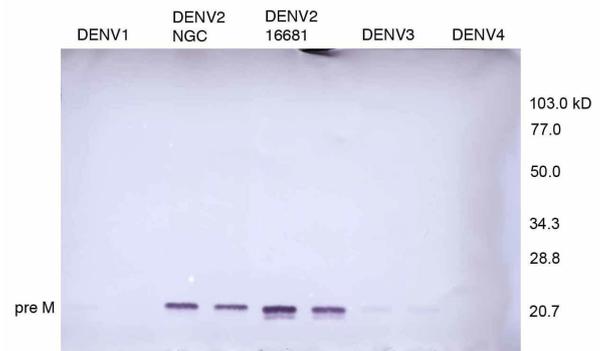
Host: Mouse

ELISA: See below

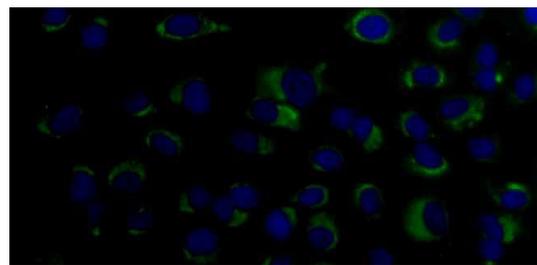
WB: See below

Applications

This monoclonal antibody is intended for use in the detection of DENV prM by western blot (non-reducing unheated conditions) and immunofluorescence. However, detection of the prM band by western blot is highly dependent on the amount of prM present in the lysate preparation. In an antigen capture ELISA, the monoclonal antibody reacts with DENV1, 2, 3 and 4. It has been shown to react with native DENV1, 2, 3 and 4 prM by dot blot (customer feedback). Detects DENV1, 2, 3 and 4 by FRNT. Can neutralize DENV1, 2, 3 and 4 in a standard VERO PRNT.



Dengue virus infected C6/36 lysates probed with DM1.



Immunofluorescence of DENV2 infected Vero cells with DM1.

Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at services@ibtbioservices.com

Related Products:

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