

Anti-Flavivirus E Antibody, FE2.

Catalog #: 0227-PP-001

Description:

DENV, ZIKV, JEV and WNV E glycoprotein specific mouse monoclonal antibody. This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.

Immunogen/ Target:

Recombinant DENV E protein.

Formulation & Storage: Store at +4°C for stable

Notes & Usage Guidelines:

Clonality/Isotype: monoclonal / IgG1, Kappa.

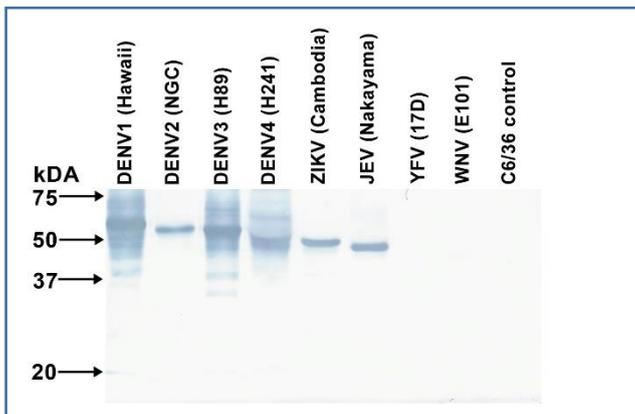
Host: Mouse

ELISA:

WB:

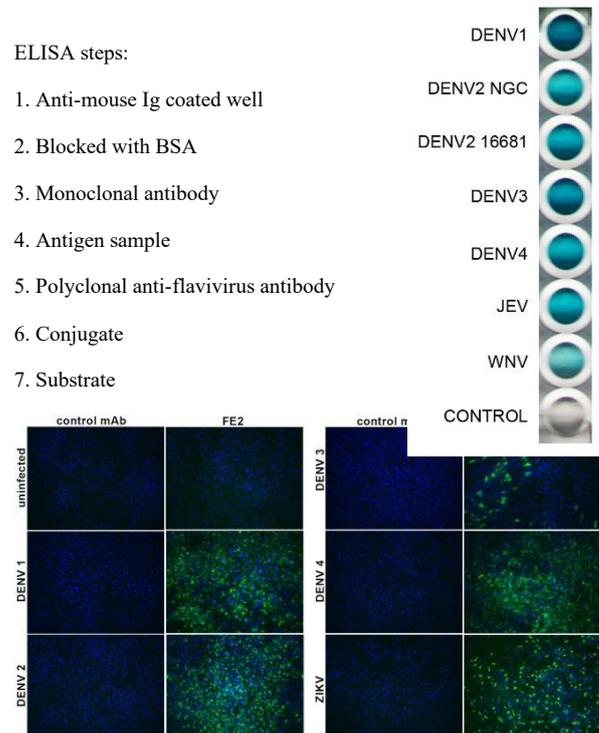
Applications

This monoclonal antibody has been primarily used for the capture/detection of DENV, ZIKV (data not shown), JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV and JEV by western blot (non-reducing conditions), DENV1, 2, 3, 4 and ZIKV in immunofluorescence and DENV1, 2, 3 and 4 foci in FRNT. Not tested against ZIKV, JEV or WNV for foci staining in FRNT. This monoclonal antibody does not neutralize DENV1, 2, 3, 4 or ZIKV in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.



ELISA steps:

1. Anti-mouse Ig coated well
2. Blocked with BSA
3. Monoclonal antibody
4. Antigen sample
5. Polyclonal anti-flavivirus antibody
6. Conjugate
7. Substrate



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:

IBT provides a wide array of antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

Intended for research use only, not for human, therapeutic, or diagnostic applications.

The buyer cannot sell or otherwise transfer this product for Commercial Purposes without written approval of Integrated BioTherapeutics, LLC.

Copyright 2023. Integrated BioTherapeutics, LLC. All rights reserved.