

Anti-Flavivirus E Antibody, FE4.

Catalog #: 0227-PP-003

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:

DENV E and prM eluted from SDS-PAGE gels.

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

Notes & Usage Guidelines:

Clonality/Isotype: monoclonal / IgG1, Kappa.

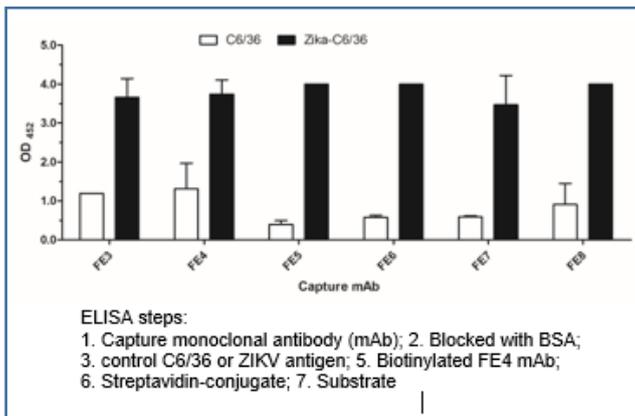
Host: Mouse

ELISA:

WB:

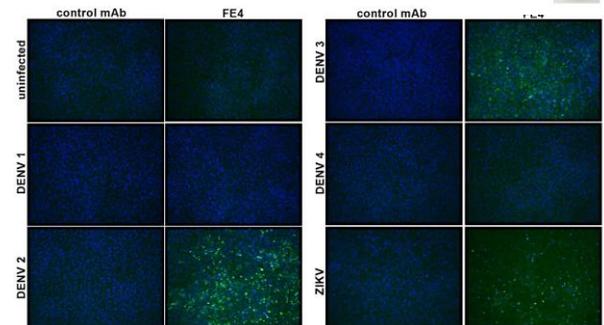
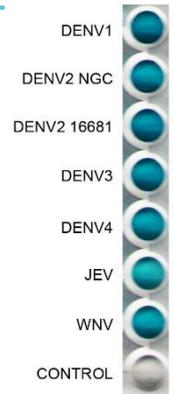
Applications

This monoclonal antibody has been primarily used for the capture/detection of DENV, ZIKV, JEV and WNV antigens in an antigen capture ELISA. This monoclonal antibody is not suitable for western blot. Detects DENV2 in immunofluorescence (weak detection of DENV3, ZIKV) and DENV3 and 4 foci in FRNT. Not tested against ZIKV, JEV or WNV for foci staining in FRNT. Can neutralize ZIKV and DENV4 in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.



ELISA steps:

1. Capture monoclonal antibody (mAb)
2. Blocked with BSA
3. control C6/36 or ZIKV antigen
5. Biotinylated FE4 mAb;
6. Streptavidin-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:

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