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Anti-Flavivirus E Antibody, FE5.

Catalog #: 0227-PP-004

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.

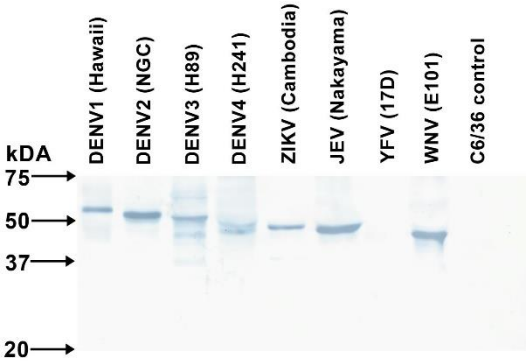
Immunogen/ Target:
Recombinant DENV E protein.

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

Notes & Usage Guidelines:
Clonality/Isotype: monoclonal / IgG1, Kappa.
Host: Mouse
ELISA:
WB:

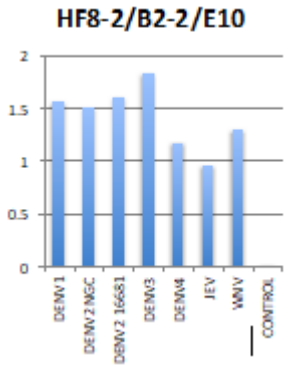
Applications

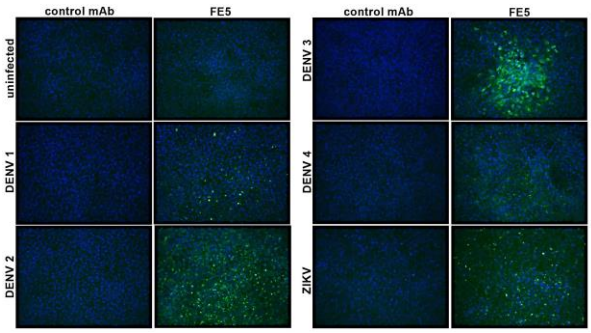
This monoclonal antibody has been primarily used for the capture/detection of DENV1, 2, 3, 4, ZIKV (data not shown), JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV, JEV and WNV by western blot (non-reducing conditions). Detects DENV2 and 3 in immunofluorescence (weak detection of DENV1, 4, ZIKV). Does not work well in DENV FRNT; not tested against ZIKV, JEV or WNV for foci staining in FRNT. Can neutralize DENV1, 2, 4 and 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:
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