

## Anti-Flavivirus E Antibody, FE8.

Catalog #: 0227-PP-007

### 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.

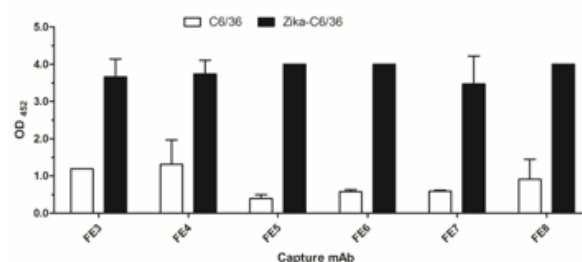
**Host:** Mouse

**ELISA:**

**WB:**

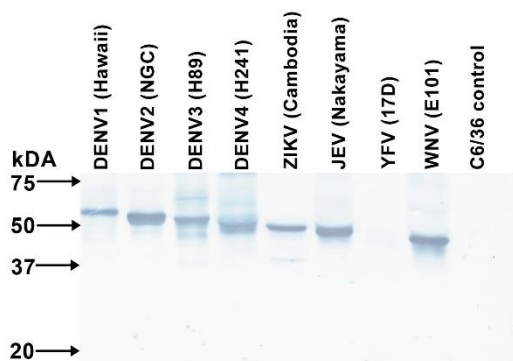
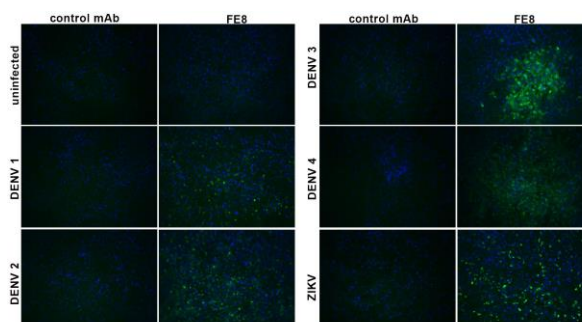
## Applications

This monoclonal antibody has been primarily used for the capture/detection of DENV1, 2, 3, 4, ZIKV, 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 DENV1, 2, 3, 4 and ZIKV in immunofluorescence. Not tested in FRNT. Can neutralize ZIKV in a standard VERO PRNT. Not tested against DENV, 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](mailto: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](http://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.