

## Anti-Dengue Virus E Antibody, DE7

Catalog #: 0223-PP-007

### Description:

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

### 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 detection of DENV1, 2, 3 and 4 antigens in an antigen capture ELISA. This monoclonal antibody is not suitable for western blot (non-reducing unheated conditions). Does not work very well in FRNT. Can neutralize DENV1, 2, 3 and 4 in a standard VERO PRNT.

### Assay steps :

Anti-mouse Ig coated well

Blocked with BSA

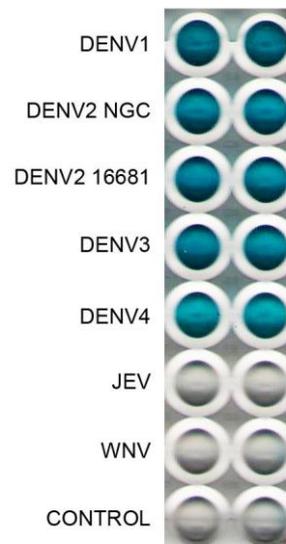
Monoclonal antibody

Antigen sample

Polyclonal anti-flavivirus antibody

Conjugate

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)

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