**Anti-Flavivirus NS1 Antibody, FN1.**

ANTIBODY

**Catalog #: 0226-PP-001**

**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.

**Applications**

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

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**Description:**Flavivirus group non-structural protein 1 specific mouse monoclonal antibody. This monoclonal antibody reacts with a conformational epitope present on DENV1, 2, 3, 4, ZIKV, JEV and WNV NS1.

**Notes & Usage Guidelines:  
Clonality/Isotype:** monoclonal / IgG1, Kappa.

**Host:** Mouse

**ELISA:**   
**WB:**

**Immunogen/ Target:**DENV infected supernatant/lysate.

This monoclonal antibody has been primarily used for the detection of dimeric DENV1, 2, 3, 4, JEV and WNV NS1 protein band by western blot (non-reducing unheated conditions). Not tested against ZIKV in Western blot. Detects DENV1, 2 and ZIKV in immunofluorescence (weak detection of DENV4). Detects DENV1, 2, 3 and 4 foci in FRNT. Not tested against ZIKV, JEV and WNV for foci staining.

A close-up of a test

Description automatically generated

Lysates from infected C6/36 cells treated with SDS-PAGE non-reducing sample buffer and loaded onto gel as unheated samples to detect reactivity to NS1 dimer (expected size 86kD)

A collage of different colors of blue squares

Description automatically generated

**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