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# Anti-Japanese Encephalitis Virus Antibody, JE1.

**Catalog #:** 0228-PP-001

**Description:**
Japanese encephalitis virus specific mouse monoclonal antibody. This antibody reacts with a conformational epitope on the envelope glycoprotein of JEV.

**Immunogen/ Target:**
JEV (Nakayama) infected supernatant followed by lysate booster.

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

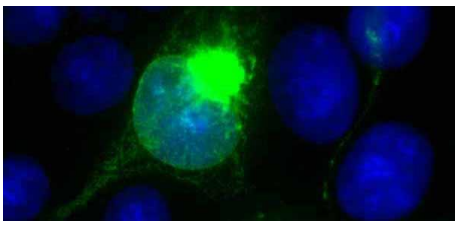
**Notes & Usage Guidelines:**
**Clonality/Isotype:** monoclonal / IgG2a, Kappa.
**Host:** Mouse
**ELISA:**
**WB:**

## Applications

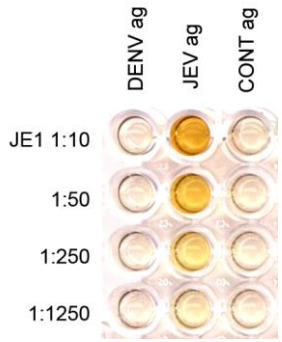
This monoclonal antibody is intended for use in the IgM capture ELISA for the diagnosis of JEV IgM in patient serum samples. For the diagnosis of JE infections in regions where dengue co-circulates, this antibody is used together with the dengue specific monoclonal antibody, DE1. It is the JEV specific monoclonal antibody currently being used in the commercially available Japanese encephalitis IgM dot blot assay (Venture Technologies Sdn Bhd).

This monoclonal antibody may also be used in an indirect immunofluorescence assay for the detection of JEV antigens in infected cells.

It has been tested in other ELISA formats including a JEV IgM capture ELISA for the monitoring of JEV infections in pigs, a JEV antigen capture ELISA and the JEV IgG capture ELISA.



JEV (Nakayama) infected PS Clone D cells.




JE1 titration in an IgG capture ELISA.

**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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