# Mouse DENGUE VIRUS Monoclonal Antibody

MOUSE ANTI DENGUE VIRUS

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA49354** | **Mouse** | **Western Blot, Immunohistochemistry, ELISA** |

## PRODUCT SYNONYMS

DENGUE VIRUS; Monoclonal Antibody; MOUSE ANTI DENGUE VIRUS; anti-DENGUE VIRUS antibody

## PRODUCT SPECIFICATIONS

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| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2a |
| **Clone Number** | Dengue 1-11(3) |
| **Form/Format** | Purified<br>Purified IgG - liquid |
| **Concentration** | IgG concentration 1.0mg/ml (varies by lot) |
| **Applicable Applications for anti-DENGUE VIRUS antibody** | WB (Western Blot), IHC (Immunohistochemistry), ELISA |
| **Perservative Stabilisers** | 0.05% Sodium Azide (NaN3)<br>Preparation |
| **Buffer Solution** | Phosphate buffered saline |
| **Target Species** | Viral |
| **Preparation and Storage** | Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-DENGUE VIRUS antibody** | Mouse anti-Dengue virus antibody, clone Dengue 1-11 (3) recognizes all four dengue virus serotypes (DEN-1, DEN-2, DEN-3 and DEN-4) of the genus Flavivirus. Clone Dengue 1-11 (3) binds strongly to subtypes 1 and 2. It recognizes subtype 3 more weakly. Among the four subtypes, subtype 4 is recognized the least strongly and some customers have reported no recognition of subtype 4. The dengue virus is responsible for the tropical and sub-tropical diseases, dengue (DF) and dengue haemorrhagic fever (DHF), transmitted to individuals through the bite of the Aedes mosquito. The global distribution of dengue is expanding and comparable to that of malaria, with symptoms ranging from a mild viral syndrome of high fever, rash, headache, fatigue and muscle and joint pain, to the more severe and sometimes fatal DHF. Each dengue virus serotype is antigenically distinct, such that infection only provides an individual with immunity to the causative serotype, with the possibility of further infection by a different serotype or even multiple serotypes. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/dengue-virus-antibody-clone-dengue-1-11-3-western-blot-immunohistochemistry-elisa/49354