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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Envelope protein E [6B6C-1] Bulk Size Ab03841-21.0-BT

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

Isotype and Format: Mouse IgM, Kappa

Clone Number: 6B6C-1

Alternative Name(s) of Target: Genome polyprotein; 6ME2 IgM; human chimeric 6B6C-1 IgM

UniProt Accession Number of Target Protein: P09732

Published Application(s): WB, ELISA

Published Species Reactivity: Dengue virus (DENV), Japanese encephalitis virus (JEV), St. Louis encephalitis virus (SLEV), West Nile virus (WNV), Yellow fever virus (YFV)

Immunogen: The murine MAb 6B6C-1 was originally raised against SLEV. The human-murine chimeric antibody was created combining the variable regions of the murine monoclonal antibody 6B6C-1 and the constant region of human IgM.

Specificity: The antibody is specific for Envelope protein E of WNV. It cross-reacts with multiple members of the flavivirus genus, including WNV, SLEV, YFV, DENV, and JEV.

Application Notes: The antibody detected the recombinant E glycoprotein of the WNV-VLP by western blot analysis. The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody was successfully employed for use in the flavivirus human MACELISA (Thibodeaux et al., 2009; PMID: 19297614).

Antibody First Published in: Thibodeaux et al. Development of a human-murine chimeric immunoglobulin M antibody for use in the serological detection of human flavivirus antibodies. Clin Vaccine Immunol. 2009 May;16(5):679-85. [PMID:19297614](#)

Note on publication: The original paper describes the generation and characterization of the human-murine chimeric IgM antibody.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Affinity Purified using a recombinant lectin column

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.