



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-Envelope protein E [6B6C-1] Standard Size Ab03841-21.0

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:** 50 µg Purified antibody.

**Purification:** Affinity Purified using a recombinant lectin column

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. 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.