



# 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

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## Anti-Genome polyprotein [3E31] Bulk Size Ab04410-23.0-BT

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** 3E31

**Alternative Name(s) of Target:** E; Genome polyprotein; Envelope protein E

**UniProt Accession Number of Target Protein:** Q7TGC7

**Published Application(s):** neutralization, ELISA

**Published Species Reactivity:** Dengue virus type 4

**Immunogen:** The original antibody was raised by immunizing a BALB/c mouse with rEDIII protein from the four DENV serotypes.

**Specificity:** This antibody is specific for a thermo-sensitive, invariant epitope in domain III of the Dengue virus.

**Application Notes:** The original version of this antibody was used for a competitive ELISA on DENV-1 or DENV-2 rEDIII protein. Further this antibody was used for a neutralization assay on LLC-MK2 cells infected with virus of each serotype. Finally the ability of this antibody to bind the rEDIII protein an ELISA was performed (Li et al., 2013; PMID:23851440).

**Antibody First Published in:** Li et al. Dengue virus envelope domain III immunization elicits predominantly cross-reactive, poorly neutralizing antibodies localized to the AB loop: implications for dengue vaccine design J Gen Virol. 2013 Oct;94(Pt 10):2191-2201. [PMID:23851440](#)

**Note on publication:** The original paper tries to get a better understanding of the antibody response to DENV envelope protein domain III (EDIII) for vaccine development.

### Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**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.