



# 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-Genome polyprotein [DV62.5] Ab04449-23.0-BT

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

**Clone Number:** DV62.5

**Alternative Name(s) of Target:** Pr; prM; Capsid protein C; Protein prM; Capsid protein; Core protein; Precursor membrane protein; Small envelope protein M; Matrix protein

**UniProt Accession Number of Target Protein:** A0A024B7W1

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

**Published Species Reactivity:** Dengue Virus, Zika Virus

**Immunogen:** The original antibody were raised from isolating peripheral blood samples from donors diagnosed with dengue fever infection.

**Specificity:** This antibody is specific for the prM protein from both the dengue virus and the zika virus.

**Application Notes:** The original version of this antibody was used for a western blot on prM (Beltramello et al., 2010; PMID:20833378). The structure of the original antibody was determined using Cryo-EM (Tan et al., 2020; PMID:32060358). This antibody was used to visualize DENV3-CH53489 in cryo-EM (Morrone et al., 2020; PMID:32561757). This antibody was used for an ELISA on prM and E proteins from the dengue fever virus (Scott et al., 2021; PMID:34578424).

**Antibody First Published in:** Beltramello et al. The human immune response to Dengue virus is dominated by highly cross-reactive antibodies endowed with neutralizing and enhancing activity Cell Host Microbe. 2010 Sep 16;8(3):271-83. [PMID:20833378](#)

**Note on publication:** The original paper immortalized memory B cells from individuals after primary or secondary infection and analyzed anti-DENV monoclonal antibodies (mAbs) thus generated.

### 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.