



# 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

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## Anti-E-protein DIII (LR) [ZV-67] Bulk Size Ab00812-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2c format, for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** ZV-67

**Alternative Name(s) of Target:** ZIKV E; Envelope protein; ZV67

**UniProt Accession Number of Target Protein:**

**Published Application(s):** crystallization, NTRL, SPR, WB, FC

**Published Species Reactivity:** Zika Virus

**Immunogen:** This antibody was generated by infecting mice with 1000 FFU of ZIKV MR-766 followed by a booster at 30d post-infection of ZIKV H/PF/2013, respectively and given a final intravenous boost with live ZIKV DIII (amino acids 299 to 407 of the ZIKV E protein))

**Specificity:** ZV-67 binds to the Zika virus envelope protein at domain III (DIII, LR). No cross-reactivity with other tested flaviviruses has been reported.

**Application Notes:** The original mouse IgG2c format has been shown to have neutralizing activity and has been used to label ZIKV infected cells (4% PFA fixation, 0.1% saponin permeabilization). Yi et al. (PMID: 29033368) used this antibody for Western Blotting at a concentration of 0.5 ug/ml.

**Antibody First Published in:** Zhao et al. Structural Basis of Zika Virus-Specific Antibody Protection. Cell. 2016 Aug 11;166(4):1016-27 [PMID:27475895](#)

**Note on publication:** Describes the generation and characterisation of this antibody.

### 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.