



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-VP1694 [FA7] Ab03602-1.1-BT

This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** FA7

**Alternative Name(s) of Target:** Type III export protein YscF

**UniProt Accession Number of Target Protein:** Q87P24

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

**Published Species Reactivity:** Vibrio parahaemolyticus

**Immunogen:** This antibody was generated by panning a scFv library from BALB/c mice immunized with purified fusion protein against GST-VP1694 antigen.

**Specificity:** This antibody is specific for the VP1694 protein from Vibrio parahaemolyticus. This proteins is necessary for this bacteria to act as a pathogen. Vibrio parahaemolyticus can cause gastroenteritis in humans.

**Application Notes:** An ELISA was performed on associated V. parahaemolyticus proteins (TDH, TLH, VopQ, VP1694), Homologous protein HrpA, and PBS using the scFv version of this antibody. It showed a stronger binding to VP1694 than to other proteins. Furthermore, a western blot was performed on VP1694 using this antibody. The western blot showed the binding of VP1694 by the antibody (Wang et al, 2014; pmid:25320414).

**Antibody First Published in:** Wang et al. Generation and Characterization of a scFv Antibody Against T3SS Needle of Vibrio parahaemolyticus. Indian J Microbiol. 2014 Jun; 54(2): 143-150. [PMID:25320414](#)

**Note on publication:** A phage single-chain fragment variable antibody (scFv) library was constructed, and a specific scFv against VP1694 named scFv-FA7 was screened by phage display panning.

## 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.