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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-VP1694 [FA7] Ab03602-10.0-BT

This full-length, chimeric human 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: Human 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.