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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Norovirus GII.4 [12A2] Standard Size Ab03846-30.11

This is an scFv fragment with a His tag.

This is a reformatted human scFv antibody, based on the original human scFv format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: scFv fragment (His), ScFv

Clone Number: 12A2

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): ELISA, blocking

Published Species Reactivity: Norovirus

Immunogen: A phage-displayed antibody library was generated from peripheral blood of healthy persons. The original antibody was isolated by screened using purified virus-like particles (VLPs) of strain Narita 104 (r104, genogroup II, genotype 4).

Specificity: The antibody is specific for Norovirus GII.4.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The blocking activity of the antibody against the interaction of homotypic VLPs with histo-blood group antigens were also assessed as an alternative to neutralization assay. The antibody prevented the binding of r104 to histo-blood group antigens that had been reported to bind r104.

Antibody First Published in: Higo-Moriguchi et al. Isolation of cross-reactive human monoclonal antibodies that prevent binding of human noroviruses to histo-blood group antigens J Med Virol. 2014 Apr;86(4):558-67. [PMID:24026909](#)

Note on publication: The original paper identified a panel of human monoclonal antibodies targeting norovirus.

Product Form

Size: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.