



# 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

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## Anti-Norovirus GII.4 [12A11] Bulk Size Ab03847-30.11-BT

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:** 12A11

**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. The antibody shows intra-genogroup cross-reactivity to genotypes 1, 3-7, 12, and 14 of genogroup II.

**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 showed a low blocking activity.

**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:** 500 µg Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.