



# 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-Factor VIII A2 domain [BOIIB2] Standard Size Ab03957-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** BOIIB2

**Alternative Name(s) of Target:** AHF; FVIII; A2 domain; Factor 8; anti-hemophilic factor; Coagulation factor VIII; procoagulant component

**UniProt Accession Number of Target Protein:** P00451

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

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated from the peripheral blood lymphocytes obtained from a hemophilia patient.

**Specificity:** This antibody binds the A2 domain of the human factor VIII, a glycoprotein involved in blood coagulation. Factor VIII acts as a cofactor for factor IXa which converts factor X to the activated form Xa in the presence of calcium and phospholipids. Defects in the F8 gene, which encodes Factor VIII, result in the coagulation disorder hemophilia A.

**Application Notes:** The binding specificity and epitope characterization of this antibody was determined using ELISA. The ability of this antibody inhibit factor VIII function in vitro was studied using a chromogenic functional assay. It was reported that this antibody inhibited the conversion of factor X to factor Xa at concentration of 0.1 µg/ml. It was found that this antibody inhibits thrombin production using both the intrinsic and extrinsic pathway of coagulation (US20080206254).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### Product Form

**Size:**

100 µg Purified antibody.

**Purification:** Protein A affinity purified

**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.