



# 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 [EL-16] Standard Size Ab04010-30.11

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:** EL-16

**Alternative Name(s) of Target:** AHF; FVIII; Factor 8; anti-hemophilic factor; Coagulation factor VIII; procoagulant component; IT2

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

**Published Application(s):** functional assay, inhibit

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was isolated from a human phage display library generated from the peripheral blood of an inhibitor patient and panning the library against factor VIII light chain.

**Specificity:** This antibody binds the C2 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 inhibitory activity of this antibody against factor VIII was determined using a one-stage clotting assay. This antibody was capable of completely eliminating FVIII inhibition by CLB-CAG 117, a C2 domain directed anti-factor VIII antibody (PMID: 10627462).

**Antibody First Published in:** van den Brink et al. Human antibodies with specificity for the C2 domain of factor VIII are derived from VH1 germline genes Blood. 2000 Jan 15;95(2):558-63. [PMID:10627462](#)

**Note on publication:** Describes the generation and epitope mapping of antibodies against C2 domain of factor VIII.

## Product Form

**Size:** 50 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.