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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Factor VIII [EL-16] Standard Size Ab04010-10.3

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 scFv format, created for improved compatibility with existing reagents, assays and techniques.

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

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: 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.