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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Factor VIII [YK3.3.38] Standard Size Ab03956-10.3

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: YK3.3.38

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

UniProt Accession Number of Target Protein: P00451

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was isolated from a scFv phage display library generated using the peripheral blood lymphocytes from a hemophilia patient.

Specificity: This antibody is specific for an epitope 'RPLYSRRLPKGVKHLKDFPILPGEI' (residues 389 to 510) in 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: This antibody can bind human blood coagulation factor VIII in an ELISA. It was reported that this antibody potently inhibits the coagulation activity of factor VIII in vitro at a concentration of 10 ng/ml. This antibody does not inactivate FVIII bound with vWF but inactivated FVIII free from vWF (US20040120951).

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.