

Mouse FACTOR VIII Monoclonal Antibody | anti-F8 antibody

MOUSE ANTI HUMAN FACTOR VIII

CATALOG # AAA49761	HOST Mouse	APPLICATIONS Western Blot, immunoassay, Radioimmunoassay, ELISA
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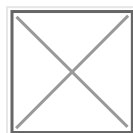
PRODUCT SYNONYMS

FACTOR VIII; Monoclonal Antibody; MOUSE ANTI HUMAN FACTOR VIII; anti-F8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	RFF-VIIIC/5
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	2351
Applicable Applications for anti-F8 antibody	WB (Western Blot), RIA (Radioimmunoassay), ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Immunogen	Affinity purified human Factor VIII Buffer Solution
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Recombinant Human Factor VIII detected with Mouse anti Human Factor VIII

ADDITIONAL INFORMATION

Related Product Information for anti-F8 antibody	Mouse anti Human Factor VIII antibody, clone RFF-VIIIc/5 recognizes human Factor VIII, an essential blood coagulation factor. Whilst circulating in the blood, it is mostly stably complexed to von Willebrand factor. It is activated through cleavage at various sites, dissociates from the complex and interacts with Factor IXa, in the presence of calcium ions and phospholipids, to convert Factor X to the activated Factor Xa, which activates thrombin. Thrombin cleaves fibrinogen into fibrin, which polymerises and cross-links to form a blood clot. The activated Factor VIII is proteolytically inactivated and cleared from the bloodstream. Defects in Factor VIII cause haemophilia A, a disorder characterised by the body's inability to control blood clotting. This could result in severe blood loss, even with minor injuries. Mouse anti Human Factor VIII antibody, clone RFF-VIIIc/5 recognizes an epitope towards the C-terminus of full-length Factor VIII. It also recognizes the 80kDa and 70kDa cleavage products.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503647
NCBI GeneID	2157
NCBI Accession #	NP_000123.1
NCBI GenBank Nucleotide #	NM_000132.3
UniProt Accession #	P00451; Q14286; Q5HY69
Molecular Weight	24,641 Da
NCBI Official Full Name	coagulation factor VIII isoform a
NCBI Official Synonym Full Names	coagulation factor VIII, procoagulant component
NCBI Official Symbol	F8
NCBI Official Synonym Symbols	AHF; F8B; F8C; HEMA; FVIII; DXS1253E
NCBI Protein Information	coagulation factor VIII; antihemophilic factor; coagulation factor VIIIc; factor VIII F8B
UniProt Protein Name	Coagulation factor VIII
UniProt Gene Name	F8
UniProt Synonym Gene Names	F8C; AHF
UniProt Entry Name	FA8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/factor-viii-antibody-clone-rff-viiic-5-western-blot-radioimmunoassay-elisa/49761>