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Product datasheet for AM06283SU-N

Factor VIII (F8) Mouse Monoclonal Antibody [Clone ID: 5E9B2]

Product data:

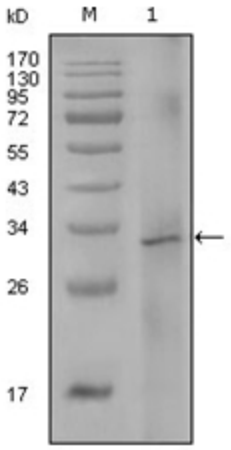
Product Type:	Primary Antibodies
Clone Name:	5E9B2
Applications:	WB
Recommended Dilution:	**ELISA:** 1/10000. **Western Bloting:** 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of F8 expressed in E. Coli.
Specificity:	Recognizes Coagulation factor VIII (F8).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	coagulation factor VIII
Database Link:	Entrez Gene 2157 Human P00451

View online »

Background: This gene encodes coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca+2 and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder.

Synonyms: Procoagulant component, Antihemophilic factor, F8C, AHF

Product images:



Western blot analysis using F8 antibody Cat.-No AM06283SU-N against truncated Trx-F8 recombinant protein (Lane 1).