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Product datasheet for SM2285P

Factor VIII (F8) Mouse Monoclonal Antibody [Clone ID: RFFVIIIC/8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RFFVIIIC/8
Applications:	ELISA, R, WB
Recommended Dilution:	**ELISA:** 1/500-1/15000. **Western blot:** 1/20-1/200. **Radioimmunoassays.**
Reactivity:	Human, Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Affinity purified Human Factor VIII
Specificity:	Clone RFFVIIIC/8 is a very potent coagulation inhibitor. This antibody recognizes an epitope towards the N-terminus of full length Factor VIII. It also recognizes the 210kDa, 90kDa and 40kDa cleavage products. This clone does not cross-react with von Willebrand factor. **Negative Species:** Mouse, Canine (Dog) and Rat.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store 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

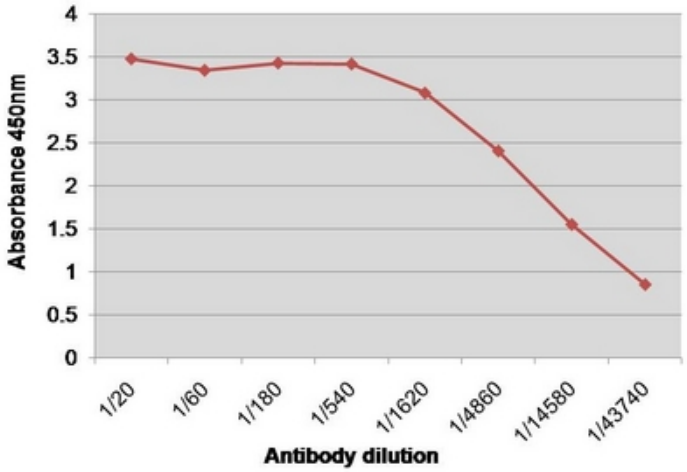
View online »

Database Link: Entrez Gene 2157 Human
P00451

Background: Human Factor VIII is 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 crosslinks 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.

Synonyms: Procoagulant component, Antihemophilic factor, F8C, AHF

Product images:



Recombinant Human Factor VIII detected with Mouse anti Human Factor VIII antibody