



## F8 Mouse Monoclonal Antibody

E10-20278

**Background:** F8. coagulation factor VIII, procoagulant component. 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<sup>2+</sup> 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.

**Catalog Number:** E10-20278

**Amount:** 100µg/100µl

**Clone Number:** 5E9B2

**Species:** Mouse IgG1

**Aliases:** AHF; F8B; F8C; HEMA; FVIII

**Entrez Gene:** 2157

**Immunogen:** Purified recombinant fragment of F8 expressed in E. Coli.

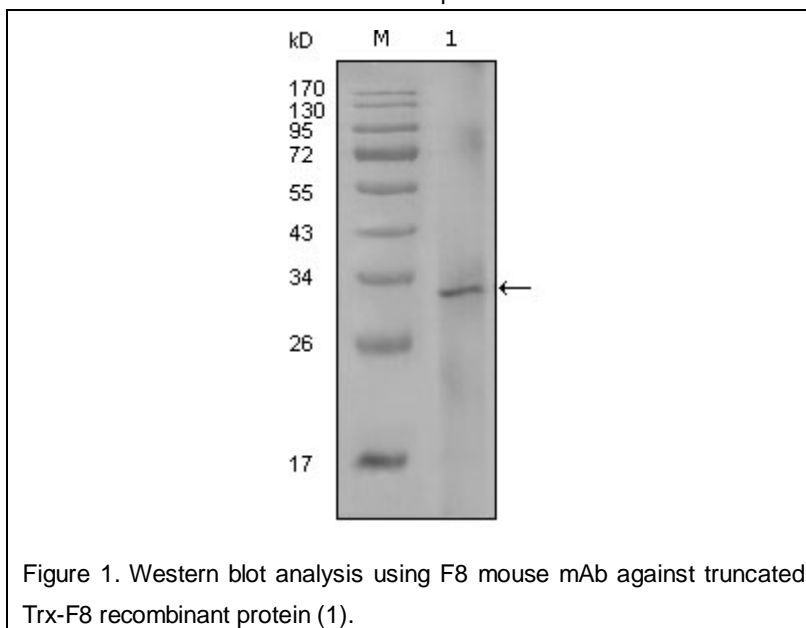
**Storage:** Store at 4 °C for long term storage, store at -20 °C

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human

**Tested Applications:** WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

**Application notes:** WB.1/500 - 1/2000.ELISA. Propose dilution 1/10000.



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