



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to F8

Catalog Number: MAB-606020278

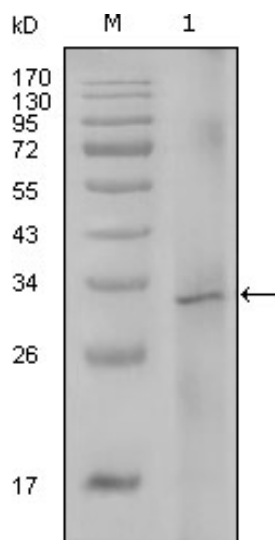


Figure 1: Western blot analysis using F8 mouse mAb against truncated Trx-F8 recombinant protein (1).

Lot#:
Clone#: 5E9B2
Host and isotype: Mouse IgG1
Size: 0.1ml
MW:
Aliases: AHF; F8B; F8C; HEMA; FVIII
Entrez Gene: 2157
Species reactivity: Human

Description 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^{+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.

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

Application Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

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

Related product

References 1. Thromb Haemost. 2007 Nov;98(5):1031-9.

2. Blood. 2008 Apr 1;111(7):3468-78.

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com