

F8 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2968
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of F8 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	AHF;F8B;F8C;HEMA;FVIII

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Ca²⁺ 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.

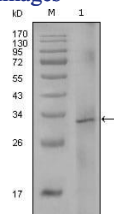
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.