F8 monoclonal antibody, clone F827.4

Catalog # MAB2176 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native F8.
Immunogen	Native purified human F8.
Host	Mouse
Reactivity	Human
Specificity	Recognizes the 83kD light chain of Factor VIII. These antibodies do not cross-react with von Willebrand factor.
Form	Liquid
Isotype	IgG2a
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — F8

Entrez GeneID	2157

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Gene Name	F8
Gene Alias	AHF, DXS1253E, F8B, F8C, FVIII, HEMA
Gene Description	coagulation factor VIII, procoagulant component
Omim ID	306700
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	OTTHUMP00000061446|OTTHUMP00000196174|coagulation factor VIII|coagulation factor VIIIc|factor VIII F8B|procoagulant component

Pathway

- Complement and coagulation cascades

Disease

- Abortion
- Activated Protein C Resistance
- Anemia
- Arteriosclerosis
- Atherosclerosis
- Autoimmune Diseases
- Cardiovascular Diseases
- Cerebral Hemorrhage
- Cerebrovascular Disorders

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- Chromosome Inversion
- Coronary Disease
- Diabetes Mellitus
- Disease Progression
- Edema
- Fetal Growth Retardation
- Genetic Predisposition to Disease
- Hemophilia A
- Hyperlipidemias
- Hypertension
- Inversion
- Ischemic Attack
- Migraine Disorders
- Myocardial Infarction
- Recurrence
- Retinal Artery Occlusion
- Retinal Vein Occlusion
- Stroke
- Thromboembolism
- Thrombophilia
- Thrombosis
- Venous Thrombosis

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