



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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F8 monoclonal antibody (M03), clone 1E8

Catalog # : H00002157-M03

規格 : [100 ug]

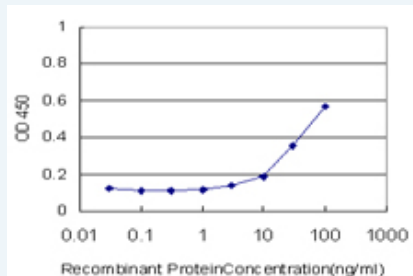
[List All](#)

Specification


Product Description:	Mouse monoclonal antibody raised against a partial recombinant F8.
Immunogen:	F8 (NP_000123, 213 a.a. ~ 312 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KFILLFAVFDEGKSWHSETKNLSMQDRDAASARAWPKMHTVNGYVNRS LPGLIGCHRKSVYWHVIGMGTTPEVHSIFLEGHTFLVRNHRQASLEISPIT F
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged F8 is approximately 3ng/ml as a capture antibody.

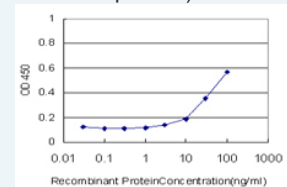
 [Protocol Download](#)


ELISA

In situ Proximity Ligation Assay (Cell)

Application Image

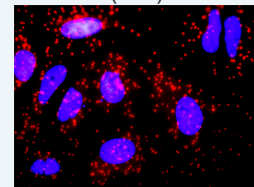
Sandwich ELISA (Recombinant protein)




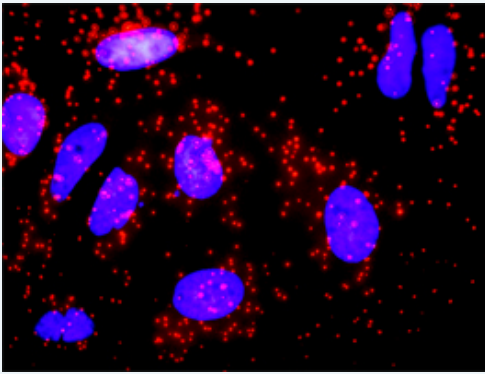
 [enlarge](#)

ELISA

In situ Proximity Ligation Assay (Cell)



 [enlarge](#)



Proximity Ligation Analysis of protein-protein interactions between CALR and F8. HeLa cells were stained with anti-CALR rabbit purified polyclonal 1:1200 and anti-F8 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [2157](#)

GeneBank Accession#: [NM_000132](#)

Protein Accession#: [NP_000123](#)

Gene Name: F8

Gene Alias: AHF,DXS1253E,F8B,F8C,FVIII,HEMA

Gene Description: coagulation factor VIII, procoagulant component

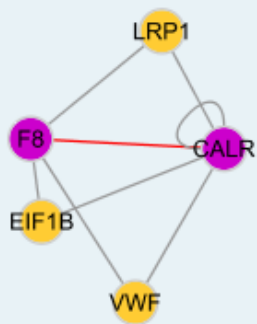
Omim ID: [306700](#)

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 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. [provided by RefSeq]

Other Designations: OTTHUMP00000061446,OTTHUMP00000196174,coagulation factor VIII,coagulation factor VIIIc,factor VIII F8B,procoagulant component

Interactome



Gene Pathway

Complement and coagulation cascades

Related Disease

Abortion, Habitual Activated Protein C Resistance Anemia, Sickle Cell Anemia, sickle cell Arteriosclerosis Atherosclerosis Autoimmune Diseases Cardiovascular Diseases Cerebral Hemorrhage Cerebrovascular Disorders Chromosome Inversion Coronary Disease Diabetes Mellitus Diabetes Mellitus, Type 2 Disease Progression Edema Fetal Growth Retardation Genetic Predisposition to Disease Hemophilia A

... see more

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