

F11 monoclonal antibody (M02), clone 3C7

Catalog # H00002160-M02

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant F11.
Immunogen	F11 (NP_000119, 286 a.a. ~ 385 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SIPVFCHSSFYHDTDFLGEELDVAAKSHEACQKLCTNAVRCQFFTYTPAQASCNEGKGKCYLKL SSNGSPTKILHGRGGISGYTLRLCKMDNECTTIK
Host	Mouse
Reactivity	Human
Isotype	IgG1 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.

Applications

- ELISA

Gene Info — F11

Entrez GeneID	2160
GeneBank Accession#	NM_000128
Protein Accession#	NP_000119
Gene Name	F11

Gene Alias	FXI, MGC141891
Gene Description	coagulation factor XI
Omim ID	264900
Gene Ontology	Hyperlink
Gene Summary	This gene encodes coagulation factor XI of the blood coagulation cascade. This protein is present in plasma as a zymogen, which is a unique plasma coagulation enzyme because it exists as a homodimer consisting of two identical polypeptide chains linked by disulfide bonds. During activation of the plasma factor XI, an internal peptide bond is cleaved by factor XIIa (or XII) in each of the two chains, resulting in activated factor XIa, a serine protease composed of two heavy and two light chains held together by disulfide bonds. This activated plasma factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal syndrome, a blood coagulation abnormality. [provided by RefSeq]
Other Designations	plasma thromboplastin antecedent platelet coagulation factor XI

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Factor XI Deficiency](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Pre-Eclampsia](#)
- [Thrombophilia](#)
- [Venous Thrombosis](#)