

F3 rabbit monoclonal antibody

Catalog # H00002152-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human F3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human F3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human F3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — F3

Entrez GeneID [2152](#)

GeneBank Accession# [F3](#)

Gene Name F3

Gene Alias CD142, TF, TFA

Gene Description coagulation factor III (thromboplastin, tissue factor)

Omim ID [134390](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. [provided by RefSeq]

Other Designations OTTHUMP00000012426|coagulation factor III|tissue factor

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)

- [Carotid Stenosis](#)
- [Chorioamnionitis](#)
- [Coronary Thrombosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Renal Insufficiency](#)
- [Stroke](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Werner syndrome](#)