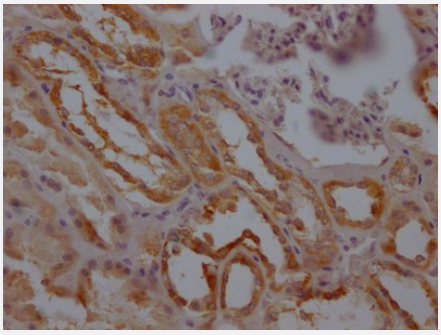
RecomAb™ Sm Size

F3 recombinant monoclonal antibody, clone 8B10

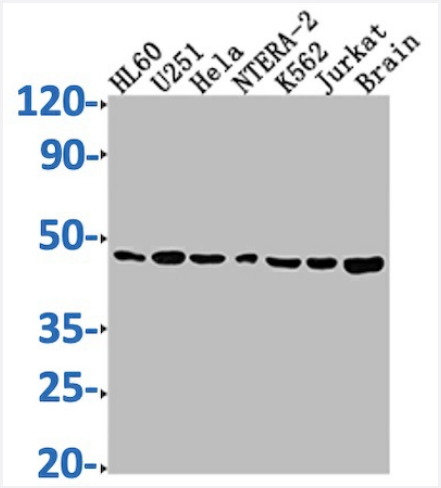
Catalog # RAB08027 Size 50 uL

Applications



Immunohistochemistry

Immunohistochemistry image of F3 recombinant monoclonal antibody, clone 8B10 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system.



Western Blot

Western Blot analysis of
Lane 1: HL60 whole cell lysate;
Lane 2: U251 whole cell lysate;
Lane 3: Hela whole cell lysate;
Lane 4: NTERA-2 whole cell lysate;
Lane 5: K562 whole cell lysate;
Lane 6: Jurkat whole cell lysate;
Lane 7: Rat brain tissue.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human and rat F3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human F3.
Reactivity	Human, Rat

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Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of F3 recombinant monoclonal antibody, clone 8B10 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western Blot analysis of
  Lane 1: HL60 whole cell lysate;
  Lane 2: U251 whole cell lysate;
  Lane 3: Hela whole cell lysate;
  Lane 4: NTERA-2 whole cell lysate;
  Lane 5: K562 whole cell lysate;
  Lane 6: Jurkat whole cell lysate;
  Lane 7: Rat brain tissue.

Gene Info — F3

Entrez GeneID	2152
Protein Accession#	P13726

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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

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- 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

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