

F7 monoclonal antibody

Catalog # MAB0263 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native F7.
Immunogen	Native purified Human F7.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes human factor VII, factor VIIa, BFPRck factor VIIa.
Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay

Gene Info — F7

Entrez GeneID	2155
Gene Name	F7
Gene Alias	-
Gene Description	coagulation factor VII (serum prothrombin conversion accelerator)
Omim ID	227500
Gene Ontology	Hyperlink
Gene Summary	This gene encodes coagulation factor VII which is a vitamin K-dependent factor essential for hemostasis. This factor circulates in the blood in a zymogen form, and is converted to an active form by either factor IXa, factor Xa, factor XIa, or thrombin by minor proteolysis. Upon activation of the factor VII, a heavy chain containing a catalytic domain and a light chain containing 2 EGF-like domains are generated, and two chains are held together by a disulfide bond. In the presence of factor II and calcium ions, the activated factor then further activates the coagulation cascade by converting factor IX to factor IXa and/or factor X to factor Xa. Alternative splicing of this gene results in 2 transcripts. Defects in this gene can cause coagulopathy. [provided by RefSeq]
Other Designations	FVII coagulation protein OTTHUMP00000018733 OTTHUMP00000018734 coagulation factor VII eptacog alfa

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Activated Protein C Resistance](#)
- [Acute Disease](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Angina](#)
- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)

- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Birth Weight](#)
- [Blood Coagulation Disorders](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Bronchopulmonary Dysplasia](#)
- [Budd-Chiari Syndrome](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)

- [Coronary Thrombosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Factor VII Deficiency](#)
- [Factor XIII Deficiency](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hemophilia A](#)
- [Hemorrhage](#)
- [Hemorrhagic Disease of Newborn](#)
- [Hemorrhagic Disorders](#)
- [Hepatitis](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Insulin Resistance](#)

- [Intracranial Embolism](#)
- [Intracranial Thrombosis](#)
- [Ischemic Attack](#)
- [Kidney Failure](#)
- [Leukomalacia](#)
- [Liver Cirrhosis](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Sepsis](#)
- [Skin Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Thromboembolism](#)

- [Thrombophilia](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)
- [Vitamin K Deficiency](#)
- [Werner syndrome](#)