

F5 rabbit monoclonal antibody

Catalog # H00002153-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human F5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human F5 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 F5 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 — F5

Entrez GeneID [2153](#)

GeneBank Accession# [F5](#)

Gene Name F5

Gene Alias FVL, PCCF

Gene Description coagulation factor V (proaccelerin, labile factor)

Omim ID [227400 600880](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an essential cofactor of the blood coagulation cascade. This factor circulates in plasma, and is converted to the active form by the release of the activation peptide by thrombin during coagulation. This generates a heavy chain and a light chain which are held together by calcium ions. The activated protein is a cofactor that participates with activated coagulation factor X to activate prothrombin to thrombin. Defects in this gene result in either an autosomal recessive hemorrhagic diathesis or an autosomal dominant form of thrombophilia, which is known as activated protein C resistance. [provided by RefSeq]

Other Designations OTTHUMP00000032547|activated protein c cofactor|coagulation factor V|coagulation factor V jiang A2 domain|factor V Leiden|labile factor

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Abruptio Placentae](#)
- [Activated Protein C Resistance](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)

- [Albuminuria](#)
- [Alcoholism](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Aneurysm](#)
- [Angina](#)
- [Anoxia](#)
- [Antiphospholipid Syndrome](#)
- [Antithrombin III Deficiency](#)
- [Apnea](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [beta-Thalassemia](#)
- [Birth Weight](#)
- [Blood Coagulation Disorders](#)
- [Blood Loss](#)
- [Blood Platelet Disorders](#)
- [Body Weight](#)
- [Brain Diseases](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchopulmonary Dysplasia](#)
- [Budd-Chiari Syndrome](#)
- [Cadaver](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Celiac Disease](#)
- [Central Nervous System Vascular Malformations](#)
- [Cerebral Arterial Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Choroidal Neovascularization](#)
- [Chronic Disease](#)
- [Coagulation Protein Disorders](#)
- [Cognition](#)
- [Colitis](#)
- [Colon cancer](#)

- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Communicable Diseases](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Coronary Thrombosis](#)
- [Critical Illness](#)
- [Crohn Disease](#)
- [Death](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Disseminated Intravascular Coagulation](#)
- [Ductus Arteriosus](#)
- [Dyspnea](#)
- [Eclampsia](#)
- [Edema](#)
- [Embolism](#)
- [Embryo Loss](#)

- [Endotoxemia](#)
- [Epilepsy](#)
- [Epistaxis](#)
- [Escherichia coli Infections](#)
- [Esophageal and Gastric Varices](#)
- [Esophageal Neoplasms](#)
- [Factor V Deficiency](#)
- [Factor VII Deficiency](#)
- [Factor XIII Deficiency](#)
- [Familial Mediterranean fever](#)
- [Femur Head Necrosis](#)
- [Fetal Death](#)
- [Fetal Diseases](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Foramen Ovale](#)
- [Fractures](#)
- [Gastrointestinal Diseases](#)
- [Gastrointestinal Hemorrhage](#)
- [Gastrointestinal Neoplasms](#)
- [Gastroschisis](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Genital Neoplasms](#)
- [Glaucoma](#)

- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Glucosephosphate Dehydrogenase Deficiency](#)
- [Graft Occlusion](#)
- [Hearing Loss](#)
- [Heart Defects](#)
- [Heart Diseases](#)
- [Heart Septal Defects](#)
- [HELLP Syndrome](#)
- [Hematologic Diseases](#)
- [Hematologic Neoplasms](#)
- [Hemiplegia](#)
- [Hemochromatosis](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hemophilia A](#)
- [Hemophilia B](#)
- [Hemorrhage](#)
- [Hemorrhagic Disorders](#)
- [Hepatic Vein Thrombosis](#)
- [Hepatitis C](#)
- [Homocystinuria](#)
- [Hypercholesterolemia](#)
- [Hyperhomocysteinemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemias](#)

- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Inhibition \(Psychology\)](#)
- [Insulin Resistance](#)
- [Intracranial Aneurysm](#)
- [Intracranial Arterial Diseases](#)
- [Intracranial Arteriovenous Malformations](#)
- [Intracranial Embolism](#)
- [Intracranial Embolism and Thrombosis](#)
- [Intracranial Hemorrhages](#)
- [Intracranial Thrombosis](#)
- [Inversion](#)
- [Iron Overload](#)
- [Ischemia](#)
- [Ischemic Attack](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Legg-Perthes Disease](#)
- [Leukemia](#)
- [Leukomalacia](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)

- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mesenteric Vascular Occlusion](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Mitral Valve Prolapse](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Muscle Hypotonia](#)
- [Muscle Spasticity](#)
- [Musculoskeletal Diseases](#)
- [Myeloproliferative Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Necrosis](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Nervous System Diseases](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Obstetric Labor Complications](#)

- [Optic Neuropathy](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Overweight](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Peripheral Vascular Diseases](#)
- [Phlebitis](#)
- [Placenta Diseases](#)
- [Poisoning](#)
- [Polycystic Ovary Syndrome](#)
- [Polycythemia](#)
- [Polycythemia Vera](#)
- [Postoperative Complications](#)
- [Postoperative Hemorrhage](#)
- [Postpartum Hemorrhage](#)
- [Postphlebitic Syndrome](#)
- [Postthrombotic Syndrome](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)

- [Prenatal Exposure Delayed Effects](#)
- [Protein C Deficiency](#)
- [Protein Deficiency](#)
- [Protein S Deficiency](#)
- [Proteinuria](#)
- [Pseudotumor Cerebri](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Puerperal Disorders](#)
- [Pulmonary Embolism](#)
- [Purpura](#)
- [Recurrence](#)
- [Respiratory Distress Syndrome](#)
- [Retinal Artery Occlusion](#)
- [Retinal Neovascularization](#)
- [Retinal Vein Occlusion](#)
- [Retinopathy of Prematurity](#)
- [Seizures](#)
- [Sepsis](#)
- [Severe Acute Respiratory Syndrome](#)
- [Shock](#)
- [Sickle Cell Trait](#)
- [Sinus Thrombosis](#)
- [Skin Diseases](#)
- [Sneddon Syndrome](#)

- [Splenomegaly](#)
- [Stomach Neoplasms](#)
- [Streptococcal Infections](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Tension-Type Headache](#)
- [Thalassemia](#)
- [Thrombasthenia](#)
- [Thromboangiitis Obliterans](#)
- [Thrombocythemia](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombophlebitis](#)
- [Thrombosis](#)
- [Thrombotic Microangiopathies](#)
- [Tobacco Use Disorder](#)
- [Trauma](#)
- [Turner Syndrome](#)
- [Upper Extremity Deep Vein Thrombosis](#)
- [Varicose Ulcer](#)
- [Varicose Veins](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [Vertebral Artery Dissection](#)
- [Vitamin B Deficiency](#)

- [Vitreoretinopathy](#)
- [von Willebrand Disease](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)