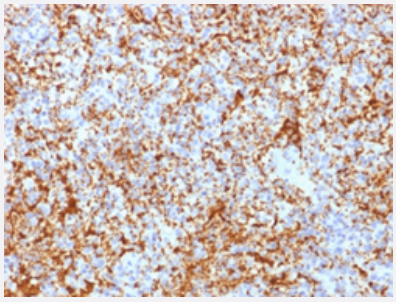
RecomAb™

ITGB3 recombinant monoclonal antibody, clone ITGB3/2166R

Catalog # RAB00501 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with ITGB3 recombinant monoclonal antibody, clone ITGB3/2166R (Cat # RAB00501).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial recombinant human ITGB3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to amino acids 385-490 of human ITGB3.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with ITGB3 recombinant monoclonal antibody, clone ITGB3/2166R (Cat # RAB00501).

Gene Info — ITGB3

Entrez GeneID	3690
Protein Accession#	P05106
Gene Name	ITGB3
Gene Alias	CD61, GP3A, GPIIIa
Gene Description	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
Omim ID	173470
Gene Ontology	Hyperlink
Gene Summary	The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface prot eins composed of an alpha chain and a beta chain. A given chain may combine with multiple part ners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelet s. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. [p rovided by RefSeq
Other Designations	integrin beta chain, beta 3|platelet glycoprotein IIIa

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- ECM-receptor interaction
- Focal adhesion
- Hematopoietic cell lineage
- Hypertrophic cardiomyopathy (HCM)

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- Regulation of actin cytoskeleton

Disease

- Abortion
- Acute Chest Syndrome
- Acute Disease
- Albuminuria
- Amyotrophic lateral sclerosis
- Anemia
- Aneurysm
- Angina
- Angina Pectoris
- Antiphospholipid Syndrome
- Arterial Occlusive Diseases
- Arteriosclerosis
- Asthma
- Atherosclerosis
- Atrial Fibrillation
- Autistic Disorder
- beta-Thalassemia
- Blood Coagulation Disorders
- Blood Loss
- Blood Platelet Disorders
- Body Weight
- Brain Infarction
- Brain Ischemia

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- Breast cancer
- Breast Neoplasms
- Cadaver
- Carcinoma
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Celiac Disease
- Cerebral Hemorrhage
- Cerebral Palsy
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chorioamnionitis
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Colorectal Neoplasms
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Coronary Stenosis
- Coronary Thrombosis
- Death
- Dengue Hemorrhagic Fever
- Diabetes Complications

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- Diabetes Mellitus
- Diabetic Angiopathies
- Disease Progression
- Ductus Arteriosus
- Dyslipidemias
- Edema
- Embryo Loss
- Epistaxis
- Fetal Death
- Fetal Membranes
- Gastrointestinal Hemorrhage
- Genetic Predisposition to Disease
- Giant Cell Arteritis
- Glomerulonephritis
- Glomerulosclerosis
- Graft Occlusion
- Hearing Loss
- Heart Defects
- Heart Diseases
- Helicobacter Infections
- Hemolytic-Uremic Syndrome
- Hemophilia A
- Hemorrhage
- Hemorrhagic Disorders
- Hemorrhagic Fever with Renal Syndrome
- Hepatitis C

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- Hip Fractures
- Hypercholesterolemia
- Hyperhomocysteinemia
- Hyperinsulinism
- Hyperlipidemias
- Hyperlipoproteinemia Type II
- Hypersensitivity
- Hypertension
- Infant
- Infertility
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Intermittent Claudication
- Intracranial Aneurysm
- Intracranial Arteriosclerosis
- Intracranial Embolism
- Intracranial Thrombosis
- Intraoperative Complications
- Ischemic Attack
- Kidney Diseases
- Kidney Failure
- Kidney Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Lymphatic Metastasis

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- Lymphoma
- Mental Status Schedule
- Metabolic Diseases
- Metabolic Syndrome X
- Migraine Disorders
- Mitral Valve Stenosis
- Mouth Neoplasms
- Myocardial Infarction
- Myocardial Ischemia
- Neoplasm Invasiveness
- Neoplasms
- Obesity
- Obstetric Labor
- Optic Neuritis
- Optic Neuropathy
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pain
- Peptic Ulcer
- Peripheral Vascular Diseases
- Polycystic Ovary Syndrome
- Polycythemia Vera
- Postoperative Complications
- Postoperative Hemorrhage

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- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Prosthesis Failure
- Proteinuria
- Pulmonary Disease
- Pulmonary Embolism
- Recurrence
- Respiratory Hypersensitivity
- Respiratory Sounds
- Retinal Artery Occlusion
- Retinal Vein Occlusion
- Stroke
- Subarachnoid Hemorrhage
- Syndrome
- Thrombasthenia
- Thrombocythemia
- Thrombocytopenia
- Thromboembolism
- Thrombophilia
- Thrombosis
- Thrombotic Microangiopathies
- Tobacco Use Disorder
- Tooth Abnormalities
- Vascular Diseases

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- Venous Thrombosis
- Virilism
- Werner syndrome

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