ITGA2B/ITGB3 monoclonal antibody, clone 71

Catalog # MAB6390 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against ITGA2B/ITGB3.
Immunogen	Native from human platelets suspension.
Host	Mouse
Reactivity	Human
Specificity	Under reducing conditions this antibody will bind against the human ITGA2B/ITGB3 complex.
Form	Lyophilized
Isotype	IgG1, kappa
Recommend Usage	Western Blot (10-20 ug/mL) ELISA (100ul of 10^8 washed platelets) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.2
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

Gene Info — ITGA2B

Entrez GeneID	3674

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Gene Name	ITGA2B
Gene Alias	CD41, CD41B, GP2B, GPIIb, GTA, HPA3
Gene Description	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)
Omim ID	273800 607759
Gene Ontology	Hyperlink
Gene Summary	ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleav age to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin recept or expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this r ole result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surf ace mediated signalling. [provided by RefSeq
Other Designations	integrin alpha 2b|platelet fibrinogen receptor, alpha subunit|platelet-specific antigen BAK

Gene Info — ITGB3

Entrez GeneID	3690
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)
- Arrhythmogenic right ventricular cardiomyopathy (ARVC)

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- ECM-receptor interaction
- ECM-receptor interaction
- Focal adhesion
- Focal adhesion
- Hematopoietic cell lineage
- Hematopoietic cell lineage
- Hypertrophic cardiomyopathy (HCM)
- Hypertrophic cardiomyopathy (HCM)
- Pathways in cancer
- Regulation of actin cytoskeleton
- Regulation of actin cytoskeleton
- Small cell lung cancer

Disease

- Abortion
- Abortion
- Acute Chest Syndrome
- Acute Chest Syndrome
- Acute Disease
- Acute Disease
- Albuminuria
- Alzheimer disease
- Amyotrophic lateral sclerosis
- Anemia
- Anemia
- Aneurysm

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- Angina
- Angina
- Angina Pectoris
- Antiphospholipid Syndrome
- Antiphospholipid Syndrome
- Arterial Occlusive Diseases
- Arterial Occlusive Diseases
- Arteriosclerosis
- Arteriosclerosis
- Asthma
- Atherosclerosis
- Atherosclerosis
- Atrial Fibrillation
- Autistic Disorder
- beta-Thalassemia
- Blood Coagulation Disorders
- Blood Loss
- Blood Platelet Disorders
- Body Weight
- Brain Infarction
- Brain Ischemia
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Cadaver
- Carcinoma

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- Cardiovascular Diseases
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Carotid Stenosis
- Celiac Disease
- Cerebral Hemorrhage
- Cerebral Palsy
- Cerebrovascular Accident
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Cerebrovascular Disorders
- Chorioamnionitis
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Colorectal Neoplasms
- Constriction
- Coronary Artery Disease
- Coronary Artery Disease
- Coronary Disease
- Coronary Disease
- Coronary Restenosis
- Coronary Restenosis
- Coronary Stenosis
- Coronary Stenosis

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- Coronary Thrombosis
- Coronary Thrombosis
- Death
- Dengue Hemorrhagic Fever
- Diabetes Complications
- Diabetes Complications
- Diabetes Mellitus
- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Nephropathies
- Diabetic Retinopathy
- Disease Progression
- Ductus Arteriosus
- Dyslipidemias
- Edema
- Edema
- Embryo Loss
- Epistaxis
- Fetal Death
- Fetal Membranes
- Gastrointestinal Hemorrhage
- Genetic Predisposition to Disease
- Genetic Predisposition to Disease
- Giant Cell Arteritis
- Glomerulonephritis
- Glomerulosclerosis

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- Graft Occlusion
- Graft Occlusion
- Hearing Loss
- Heart Defects
- Heart Diseases
- Helicobacter Infections
- Hemolytic-Uremic Syndrome
- Hemophilia A
- Hemorrhage
- Hemorrhage
- Hemorrhagic Disorders
- Hemorrhagic Fever with Renal Syndrome
- Hepatitis C
- Hip Fractures
- Hypercholesterolemia
- Hypercholesterolemia
- Hyperhomocysteinemia
- Hyperinsulinism
- Hyperlipidemias
- Hyperlipoproteinemia Type II
- Hypersensitivity
- Hypertension
- Hypertension

- Infant
- Infant

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- Infertility
- Inflammation
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Insulin Resistance
- Intermittent Claudication
- Intracranial Aneurysm
- Intracranial Arteriosclerosis
- Intracranial Embolism
- Intracranial Hemorrhages
- Intracranial Thrombosis
- Intraoperative Complications
- Ischemic Attack
- Ischemic Attack
- Kidney Diseases
- Kidney Failure
- Kidney Failure
- Kidney Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Lupus Erythematosus
- Lymphatic Metastasis
- Lymphoma
- Mental Status Schedule
- Metabolic Diseases
- Metabolic Syndrome X

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

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- Postoperative Complications
- Postoperative Complications
- Postoperative Hemorrhage
- Pre-Eclampsia
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Prosthesis Failure
- Prosthesis Failure
- Proteinuria
- Pulmonary Disease
- Pulmonary Embolism
- Recurrence
- Recurrence
- Respiratory Hypersensitivity
- Respiratory Sounds
- Retinal Artery Occlusion
- Retinal Vein Occlusion
- Retinal Vein Occlusion
- Stroke
- Stroke
- Subarachnoid Hemorrhage
- Syndrome
- Thrombasthenia

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- Thrombasthenia
- Thromboangiitis Obliterans
- Thrombocythemia
- Thrombocytopenia
- Thrombocytopenia
- Thromboembolism
- Thrombophilia
- Thrombophilia
- Thrombosis
- Thrombosis
- Thrombotic Microangiopathies
- Tobacco Use Disorder
- Tooth Abnormalities
- Vascular Diseases
- Vascular Diseases
- Venous Thrombosis
- Virilism
- Werner syndrome

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