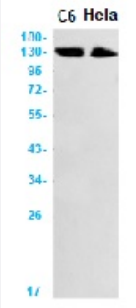
RecomAb™

ITGA2B recombinant monoclonal antibody, clone R01-1C2

Catalog # RAB01682 Size 100 uL

Applications



Western Blot

Western blot analysis of CD41 in C6, Hela lysates using human Integrin alpha IIb recombinant monoclonal antibody, clone R01-1C2 (Cat # RAB01682).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human CD41.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CD41
Theoretical MW (kDa)	Calculated MW: 113 k
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).

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Storage Instruction	Store at 4°C for short term. For long term storage store at -20°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

- Western Blot

  Western blot analysis of CD41 in C6, Hela lysates using human Integrin alpha IIb recombinant monoclonal antibody, clone R01-1C2 (Cat # RAB01682).

Gene Info — ITGA2B

Entrez GeneID	3674
Protein Accession#	P08514
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

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- ECM-receptor interaction
- Focal adhesion

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- Hematopoietic cell lineage
- Hypertrophic cardiomyopathy (HCM)
- Pathways in cancer
- Regulation of actin cytoskeleton
- Small cell lung cancer

Disease

- Abortion
- Acute Chest Syndrome
- Acute Disease
- Alzheimer disease
- Anemia
- Angina
- Antiphospholipid Syndrome
- Arterial Occlusive Diseases
- Arteriosclerosis
- Atherosclerosis
- Brain Ischemia
- Cardiovascular Diseases
- Carotid Stenosis
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Coronary Stenosis

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- Coronary Thrombosis
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Diabetic Retinopathy
- Edema
- Genetic Predisposition to Disease
- Graft Occlusion
- Hemorrhage
- Hypercholesterolemia
- Hypertension
- Infant
- Inflammation
- Insulin Resistance
- Intracranial Hemorrhages
- Ischemic Attack
- Kidney Failure
- Lupus Erythematosus
- Metabolic Syndrome X
- Myocardial Infarction
- Myocardial Ischemia
- Neoplasms
- Obesity
- Osteoporosis
- Pain
- Postoperative Complications

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- Pre-Eclampsia
- Prosthesis Failure
- Recurrence
- Retinal Vein Occlusion
- Stroke
- Thrombasthenia
- Thromboangiitis Obliterans
- Thrombocytopenia
- Thrombophilia
- Thrombosis
- Vascular Diseases

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