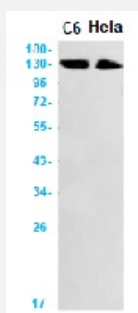


RecomAb™

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
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)

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 should 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 cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor or expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface 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](#)

- [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](#)

- [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](#)

- [Pre-Eclampsia](#)
- [Prosthesis Failure](#)
- [Recurrence](#)
- [Retinal Vein Occlusion](#)
- [Stroke](#)
- [Thrombasthenia](#)
- [Thromboangiitis Obliterans](#)
- [Thrombocytopenia](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Vascular Diseases](#)