

ITGA2B monoclonal antibody, clone ITGA2B/1036

Catalog # MAB21262 Size 100 ug

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant human ITGA2B.

Immunogen Recombinant protein corresponding to full length human ITGA2B.

Host Mouse

Theoretical MW (kDa) 90

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage
Flow Cytometry (0.5-1 ug/10⁶ cells in 0.1 mL)
Immunofluorescence (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM PBS.

Storage Instruction
Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence
- Flow Cytometry

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](#)