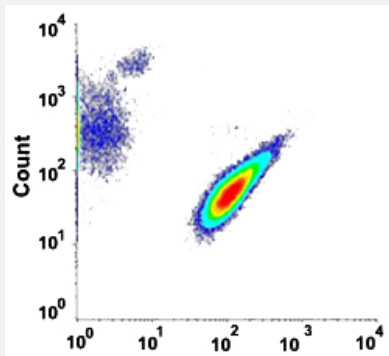


ITGA2B monoclonal antibody, clone HIP8 (FITC)

Catalog # MAB13899 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human normal whole blood with ITGA2B monoclonal antibody, clone HIP8 (FITC) (Cat # MAB13899).

Specification

Product Description	Mouse monoclonal antibody raised against human ITGA2B.
Immunogen	Idiopathic thrombocytopenic purpura (IPT) patient platelets.
Host	Mouse
Theoretical MW (kDa)	25
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG1, kappa

Recommend Usage

Flow Cytometry (20 μ L/10⁶ cells)
Immunohistochemistry (Frozen sections)
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

Storage Instruction

Store in the dark at 4°C. Avoid prolonged exposure to light.

Note

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

Applications

- Immunohistochemistry (Frozen sections)

- Flow Cytometry

Flow cytometric analysis of human normal whole blood with ITGA2B monoclonal antibody, clone HIP8 (FITC) (Cat # MAB13899).

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](#)