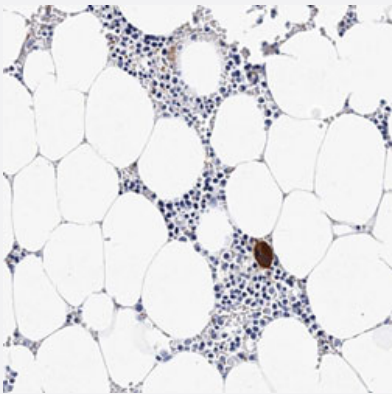


ITGA2B polyclonal antibody

Catalog # PAB31165 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with ITGA2B polyclonal antibody (Cat # PAB31165) shows strong cytoplasmic positivity in megakaryocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ITGA2B.
Immunogen	Recombinant protein corresponding to human ITGA2B.
Sequence	FGFSLDFHKDSHGRVAIVGAPRTLGPSQEETGGVFLCPWRAEGGQCPSLLFDLRDETRNV
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C for short term storage. 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

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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](#)