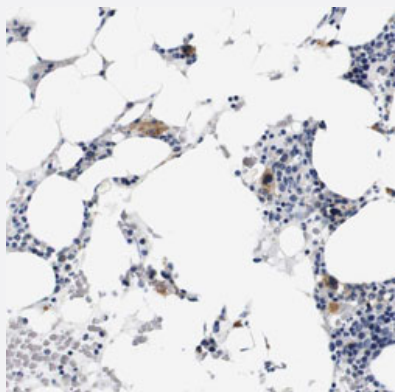


GP1BA polyclonal antibody

Catalog # PAB30465

Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with GP1BA polyclonal antibody (Cat # PAB30465) shows distinct positivity in megakaryocytes at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human GP1BA.
Immunogen	Recombinant protein corresponding to human GP1BA.
Sequence	SHLLPFAFLHGNPWLCNCEILYFRRWLQDNAENVYVWKQGVDPVKAMTSNVASVQCDNSDKFPV YKYPGKGCPYTLGDEGDTLDLYDYPEEDTEGDKVRATRTVVKFPTKAHTTPWGLFYSWSTASLDS QMPSSLHPTQESTKEQTT
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) 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 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 — GP1BA

Entrez GeneID	2811
Protein Accession#	P07359
Gene Name	GP1BA
Gene Alias	BSS, CD42B, CD42b-alpha, GP1B, MGC34595
Gene Description	glycoprotein Ib (platelet), alpha polypeptide
Omim ID	177820 231200 258660 606672
Gene Ontology	Hyperlink
Gene Summary	Glycoprotein Ib (GP Ib) is a platelet surface membrane glycoprotein composed of a heterodimer, an alpha chain and a beta chain, that are linked by disulfide bonds. The Gp Ib functions as a receptor for von Willebrand factor (VWF). The complete receptor complex includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX and platelet glycoprotein V. The binding of the GP Ib-IX-V complex to VWF facilitates initial platelet adhesion to vascular subendothelium after vascular injury, and also initiates signaling events within the platelet that lead to enhanced platelet activation, thrombosis, and hemostasis. This gene encodes the alpha subunit. Several polymorphisms and mutations have been described in this gene, some of which are the cause of Bernard-Soulier syndromes and platelet-type von Willebrand disease. [provided by RefSeq]
Other Designations	platelet glycoprotein Ib alpha polypeptide platelet membrane glycoprotein 1b-alpha subunit

Pathway

- [ECM-receptor interaction](#)
- [Hematopoietic cell lineage](#)

Disease

- [Acute Chest Syndrome](#)
- [Acute Disease](#)
- [Anemia](#)
- [Aneurysm](#)
- [Angina](#)
- [Antiphospholipid Syndrome](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Bernard-Soulier Syndrome](#)
- [Blood Platelet Disorders](#)
- [Brain Ischemia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)

- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Coronary Thrombosis](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Heart Diseases](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hemorrhage](#)
- [Hemorrhagic Disorders](#)
- [Hypercholesterolemia](#)
- [Hyperhomocysteinemia](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Infant](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intracranial Aneurysm](#)
- [Intraoperative Complications](#)

- [Ischemic Attack](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Mouth Neoplasms](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Obstetric Labor](#)
- [Pain](#)
- [Polycythemia Vera](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prosthesis Failure](#)
- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Thalassemia](#)
- [Thrombocythemia](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [von Willebrand Disease](#)
- [Werner syndrome](#)