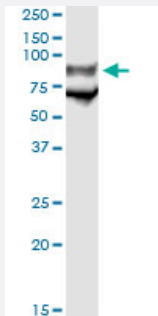


GP1BA monoclonal antibody (M02), clone 1C6

Catalog # H00002811-M02

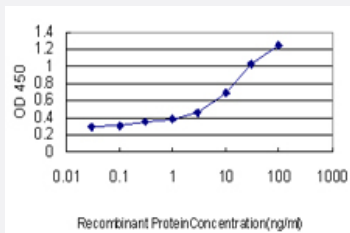
Size 100 ug

Applications



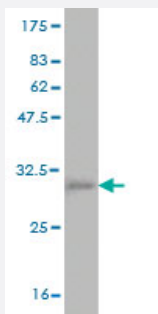
Immunoprecipitation

Immunoprecipitation of GP1BA transfected lysate using anti-GP1BA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GP1BA MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GP1BA is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GP1BA.

Immunogen	GP1BA (AAH27955, 19 a.a. ~ 128 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ICEVSKVASHLEVNC DKRNLTALPPDLPKD TTILHLSENLLYTFSLATLMPYTRLTQLNLDRCETKLQVDGTL PVLGTLDSLHNQLQSLPLL GQTLPALTVLDV PPNRL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of GP1BA transfected lysate using anti-GP1BA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GP1BA MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GP1BA is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GP1BA

Entrez GeneID [2811](#)

GeneBank Accession# [BC027955](#)

Protein Accession#	AAH27955
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

Publication Reference

- [Inhibition of platelet aggregation and blood coagulation by a P-III class metalloproteinase purified from Naja atra venom.](#)

Qian-Yun Sun, Cai-E Wang, Ya-Nan Li, Juan Bao.

Toxicon 2020 Nov; 187:223.

Application: WB-Ce, Human, Human platelets

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](#)