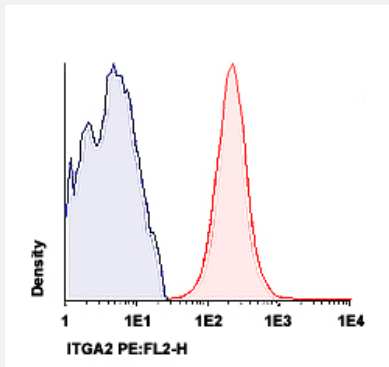


ITGA2 monoclonal antibody, clone TEA1/41

Catalog # MAB13687 Size 1 mg

Applications



Flow Cytometry

Flow cytometric analysis of human platelets with ITGA2 monoclonal antibody, clone TEA1/41 (Cat # MAB13687).

Specification

Product Description	Mouse monoclonal antibody raised against human ITGA2.
Immunogen	TNF activated HUVEC cells.
Host	Mouse
Theoretical MW (kDa)	170
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG1
Recommend Usage	Flow Cytometry (1 ug/10 ⁶ cells) 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.

Note

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

Applications

- Flow Cytometry

Flow cytometric analysis of human platelets with ITGA2 monoclonal antibody, clone TEA1/41 (Cat # MAB13687).

Gene Info — ITGA2

Entrez GeneID[3673](#)**Protein Accession#**[P17301](#)**Gene Name**

ITGA2

Gene Alias

BR, CD49B, GPIa, VLA-2, VLAA2

Gene Description

integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)

Omim ID[192974](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene product belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane glycoproteins composed of a distinct alpha chain and a common beta chain. They are found on a wide variety of cell types including, T cells, fibroblasts and platelets. Integrins are involved in cell adhesion and also participate in cell-surface mediated signalling. [provided by RefSeq]

Other Designations

integrin alpha 2|platelet antigen Br|platelet glycoprotein GPIa|platelet glycoprotein Ia|very late activation protein 2 receptor, alpha-2 subunit

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](#)
- [Activated Protein C Resistance](#)
- [Acute Chest Syndrome](#)
- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Aneurysm](#)
- [Angina](#)
- [Antiphospholipid Syndrome](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Behcet Syndrome](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)

- [Carotid Artery Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Coronary Thrombosis](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Overgrowth](#)
- [Glomerulonephritis](#)

- [Graft Occlusion](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hemorrhage](#)
- [Hemorrhagic Disorders](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intracranial Aneurysm](#)
- [Kidney Failure](#)
- [Limb Deformities](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Migraine Disorders](#)
- [Mouth Neoplasms](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neuroblastoma](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Pain](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Prosthesis Failure](#)
- [Recurrence](#)
- [Retinal Vein Occlusion](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [von Willebrand Diseases](#)
- [Werner syndrome](#)