

ITGA3 monoclonal antibody, clone VJ1/6

Catalog # MAB4987

Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against ITGA3.
Immunogen	Human integrin alpha 3.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 1% BSA, pH 7.2 (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

- Immunofluorescence
- Flow Cytometry

Gene Info — ITGA3

Entrez GeneID

[3675](#)

Gene Name	ITGA3
Gene Alias	CD49C, FLJ34631, FLJ34704, GAP-B3, GAPB3, MSK18, VCA-2, VL3A, VLA3a
Gene Description	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)
Omim ID	605025
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the family of integrins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain, and function as cell surface adhesion molecules. This gene encodes alpha 3 subunit, which undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked light and heavy chains that join with beta 1 subunit to form an integrin that interacts with many extracellular-matrix proteins. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	antigen identified by monoclonal antibody J143 galactoprotein B3 integrin alpha 3 very late activation protein 3 receptor, alpha-3 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

- [Angina](#)
- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cerebrovascular Accident](#)
- [Coronary Artery Disease](#)
- [Esophageal Neoplasms](#)
- [Fetal Death](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Laryngeal Neoplasms](#)
- [Mouth Neoplasms](#)
- [Myocardial Infarction](#)
- [Pharyngeal Neoplasms](#)
- [Schizophrenia](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Thyroid Neoplasms](#)
- [Vascular Diseases](#)