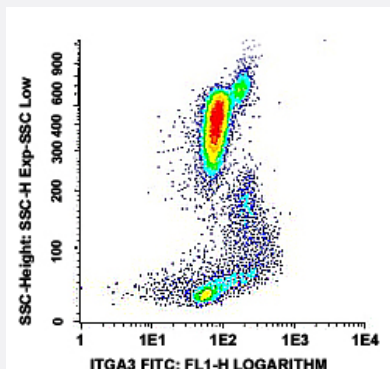


ITGA3 monoclonal antibody, clone VJ1/6 (FITC)

Catalog # MAB13692 Size 5 x 100 reactions

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood cells with ITGA3 monoclonal antibody, clone VJ1/6 (FITC) (Cat # MAB13692).

Specification

Product Description	Mouse monoclonal antibody raised against human ITGA3.
Immunogen	TNF activated HUVEC cells.
Host	Mouse
Theoretical MW (kDa)	150
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG1

Recommend Usage

Flow Cytometry (20 μ L/10⁶ 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 peripheral blood cells with ITGA3 monoclonal antibody, clone VJ1/6 (FITC) (Cat # MAB13692).

Gene Info — ITGA3

Entrez GeneID

[3675](#)

Protein Accession#

[P26006](#)

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](#)