

ITGA6 monoclonal antibody, clone 541A11

Catalog # MAB3462 Size 100 uL

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant ITGA6.
Immunogen	Recombinant protein corresponding to extracellular region of human ITGA6.
Host	Mouse
Reactivity	Human
Specificity	Recognizes the extracellular domain of human alpha6 integrin.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ITGA6

Entrez GeneID	3655
Gene Name	ITGA6

Gene Alias	CD49f, DKFZp686J01244, FLJ18737, ITGA6B, VLA-6
Gene Description	integrin, alpha 6
Omim ID	147556 226730
Gene Ontology	Hyperlink
Gene Summary	The ITGA6 protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4 in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	integrin alpha chain, alpha 6 integrin alpha6B

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Small cell lung cancer](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Coronary Artery Disease](#)
- [Disease Susceptibility](#)

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Prostatic Neoplasms](#)