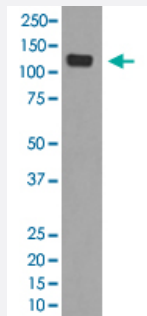


ITGA6 monoclonal antibody, clone DHG-9

Catalog # MAB20385

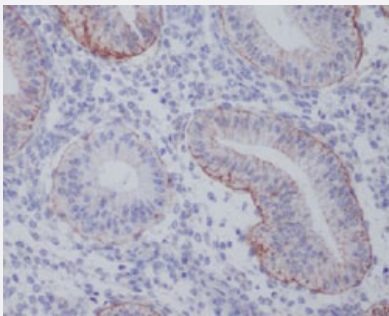
Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of SW480 cell lysate with ITGA6 monoclonal antibody, clone DHG-9 (Cat # MAB20385).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus with ITGA6 monoclonal antibody, clone DHG-9 (Cat # MAB20385).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human ITGA6.
Immunogen	A synthetic peptide corresponding to human ITGA6.
Host	Rabbit
Theoretical MW (kDa)	126.606
Reactivity	Human
Form	Liquid
Purification	Affinity purification

Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of SW480 cell lysate with ITGA6 monoclonal antibody, clone DHG-9 (Cat # MAB20385).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus with ITGA6 monoclonal antibody, clone DHG-9 (Cat # MAB20385).

Gene Info — ITGA6

Entrez GeneID	3655
Protein Accession#	P23229
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](#)