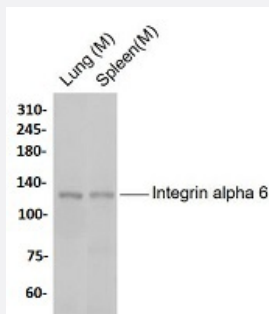


RecomAb™

ITGA6 recombinant monoclonal antibody

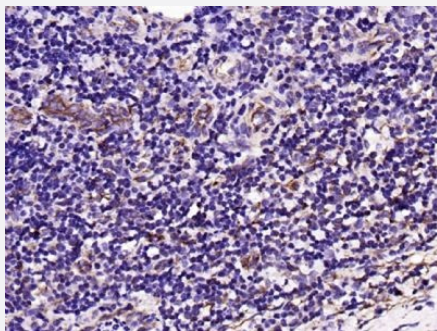
Catalog # RAB02638 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis with ITGA6 recombinant monoclonal antibody (Cat # RAB02638) at 1:1000 dilution.



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

Immunohistochemical analysis of paraformaldehyde-fixed, paraffin embedded human tonsil using ITGA6 recombinant monoclonal antibody (Cat # RAB02638). Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation at 1:200 overnight at 4°C.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ITGA6.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant human ITGA6.
Theoretical MW (kDa)	120
Reactivity	Human, Mouse

Specificity	This antibody detects endogenous levels of Integrin alpha 6 protein.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.01M TBS, pH7.4 (1% BSA, 0.03% Proclin300 and 50% Glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Applications

- Western Blot (Tissue lysate)

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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](#)