

Product Information

Recombinant Anti-Human itga6 Antibody

Cat. No.: **MOM-18411**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human ITGA6, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Integrin alpha-6/beta-1 is a receptor for laminin on platelets. Integrin alpha-6/beta-4 is a receptor for laminin in epithelial cells and it plays a critical structural role in the hemidesmosome.

Specific Activity

Tested positive against native antigen.

Target

ITGA6

Immunogen

Cell preparation: SW1222 human colorectal cell line.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

Purity >95% by SDS-PAGE.

Applications

Suitable for use in IF, IP, Neut, FuncS, ELISA, FC, ICC and most other immunological methods.

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

Gene Name

[ITGA6 integrin, alpha 6 \[Homo sapiens \]](#)

Official Symbol

ITGA6

Synonyms

ITGA6; integrin, alpha 6; integrin alpha-6; CD49f; integrin alpha6B; CD49 antigen-like family member F; VLA-6; ITGA6B; FLJ18737; DKFZp686J01244

Gene ID

[3655](#)

mRNA Refseq

[NM_000210](#)

Protein Refseq

[NP_000201](#)

MIM

[147556](#)

UniProt ID

P23229

Chromosome Location

2q31.1

Pathway

Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Basigin interactions, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem;

Function

protein binding; receptor activity;