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Product Information

Recombinant Anti-Human pdpn Antibody

Cat. No.: **MOM-18473**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human PDPN, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

May be involved in cell migration and/or actin cytoskeleton organization. When expressed in keratinocytes, induces changes in cell morphology with transfected cells showing an elongated shape, numerous membrane protrusions, major reorganization of the actin cytoskeleton, increased motility and decreased cell adhesion. Required for normal lung cell proliferation and alveolus formation at birth. Induces platelet aggregation. Does not have any effect on folic acid or amino acid transport. Does not function as a water channel or as a regulator of aquaporin-type water channels.

Specific Activity

Tested positive against native antigen.

Target

PDPN

Immunogen

Full length protein.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFOMATION

Gene Name

PDPN podoplanin [Homo sapiens]

Official Symbol

PDPN

Synonyms

PDPN; podoplanin; aggrus; Gp38; GP40; lung type I cell membrane associated glycoprotein; PA2.26; T1A 2; T1-alpha; hT1alpha-1; hT1alpha-2; PA2.26 antigen; glycoprotein 36; glycoprotein, 36-KD; lung type-I cell membrane-associated glycoprotein (T1A-2); T1A; GP36; OTS8; T1A-2; AGGRUS; HT1A-1

Gene ID

10630

mRNA Refseq

NM_001006624

Protein Refseq

NP_001006625

MIM

608863

UniProt ID

Q86YL7

Chromosome Location

1p36.21

Function

NOT amino acid transmembrane transporter activity; NOT folic acid transporter activity; NOT water channel activity; NOT water transmembrane transporter activity;

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