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Product Information

Recombinant Anti-Human cdh5 Antibody

Cat. No.: **MOM-18543**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human CDH5, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play a important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton.

Specific Activity

Tested positive against native antigen.

Target

CDH5

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in Neut, WB and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

CDH5 cadherin 5, type 2 (vascular endothelium) [Homo sapiens]

Official Symbol

CDH5

Synonyms

CDH5; cadherin 5, type 2 (vascular endothelium); cadherin 5, type 2, VE cadherin (vascular epithelium); cadherin-5; 7B4; CD144; VE cadherin; 7B4 antigen; VE-cadherin; cd144 antigen; endothelial-specific cadherin; vascular endothelial cadherin; cadherin 5, type 2, VE-cadherin (vascular epithelium); FLJ17376;

Gene ID

1003

mRNA Refseq

NM_001795

Protein Refseq

NP_001786

MIM

601120

UniProt ID

P33151

Chromosome Location

16q22.1

Pathway

Adherens junctions interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem; Leukocyte transendothelial migration, organism-specific biosystem;

Function

RPTP-like protein binding; beta-catenin binding; calcium ion binding; ion channel binding; protein binding; protein phosphatase binding; receptor binding;

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