

# Product Information

## Recombinant Anti-Human cdh3 Antibody

Cat. No.: **MOM-18542**

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

### Product Overview

Recombinant Mouse Antibody is against Human CDH3, 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.

### Specific Activity

Tested positive against native antigen.

### Target

CDH3

### Immunogen

Human epidermal carcinoma cell line A431.

### Source

Mouse

### Species Reactivity

Human

### Type

IgG

### Expression Host

CHO

### Purity

Purity >95% by SDS-PAGE.

### Applications

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

### Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

## ANTIGEN GENE INFORMATION

### Gene Name

[CDH3 cadherin 3, type 1, P-cadherin \(placental\) \[ Homo sapiens \]](#)

**Official Symbol**

CDH3

**Synonyms**

CDH3; cadherin 3, type 1, P-cadherin (placental); cadherin 3, P cadherin (placental); cadherin-3; CDHP; PCAD; calcium-dependent adhesion protein, placental; HJMD;

**Gene ID**

[1001](#)

**mRNA Refseq**

[NM\\_001793](#)

**Protein Refseq**

[NP\\_001784](#)

**MIM**

[114021](#)

**UniProt ID**

P22223

**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;

**Function**

calcium ion binding;