

Product Information

Recombinant Anti-Human cdh3 Antibody Fab Fragment

Cat. No.: **MOM-18542-F(P)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human CDH3, expressed in E. coli

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

Fab

Expression Host

E. coli

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF 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 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;