

Product Information

Recombinant Anti-Human cldn4 Antibody scFv Fragment

Cat. No.: **MOM-18330-S(P)**

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

Product Overview

Recombinant Mouse Antibody scFv Fragment is directed against Human CLDN4, expressed in E. coli

Antigen Description

Plays a major role in tight junction-specific obliteration of the intercellular space.

Specific Activity

Tested positive against native antigen.

Target

CLDN4

Immunogen

Recombinant fragment: MWRVTAFIGS NIVTSQTIWE GLWMNCVVQS TGQMCKVYD SLLALPQDLQ , corresponding to amino acids 29-79 of Human Claudin 4MWRVTAFIGSNIVTSQTIWEGLWMNCVVQSTGQMCKVYD SLLALPQDLQ

Source

Mouse

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

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

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[CLDN4 claudin 4 \[Homo sapiens \]](#)

Official Symbol

CLDN4

Synonyms

CLDN4; claudin 4; CPETR, CPETR1; claudin-4; Clostridium perfringens enterotoxin receptor 1; CPE R; hCPE R; WBSR8; Williams Beuren syndrome chromosomal region 8 protein; CPE-receptor; Williams-Beuren syndrome chromosomal region 8 protein; CPER; CPE-R; CPETR; CPETR1; hCPE-R

Gene ID

[1364](#)

mRNA Refseq

[NM_001305](#)

Protein Refseq

[NP_001296](#)

MIM

[602909](#)

UniProt ID

O14493

Chromosome Location

7q11.23

Pathway

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; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem;

Function

identical protein binding; structural molecule activity; transmembrane signaling receptor activity;