

RecomAb™

CLDN4 recombinant monoclonal antibody, clone 10F4

Catalog # RAB07808 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CLDN4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CLDN4.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CLDN4

Entrez GeneID	1364
Protein Accession#	O14493
Gene Name	CLDN4
Gene Alias	CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R
Gene Description	claudin 4
Omim ID	602909
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. [provided by RefSeq]
Other Designations	Clostridium perfringens enterotoxin receptor 1 Williams-Beuren syndrome chromosomal region 8 protein

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)