



Anti-CLDN10 monoclonal antibody (DCABH-11036)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets. Multiple transcript variants encoding different isoforms have been found for this gene.
Immunogen	A synthetic peptide of human CLDN10 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CLDN10 claudin 10 \[Homo sapiens \]](#)

Official Symbol	CLDN10
Synonyms	CLDN10; claudin 10; claudin-10; CPETRL3; OSP L; OSP-like protein; OSP-L;
Entrez Gene ID	9071
Protein Refseq	NP_001153572
UniProt ID	P78369
Chromosome Location	13q31-q34
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;