CLDN25 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CLDN25, Polyclonal Antibody
Full Product Name	CLDN25 Conjugated Antibody
Product Gene Name	anti-CLDN25 antibody
Product Synonym Names	C9JDP6; claudin-like; hCG1646420; LOC644672
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total CLDN25 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	25KD
3D Structure	ModBase 3D Structure for C9JDP6
Immunogen	Synthetic peptide of human CLDN25
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-CLDN25 antibody	Most Applications
Application Notes for anti-CLDN25 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-CLDN25 antibody	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, and also play critical roles in maintaining cell polarity and signal transductions.
Other Notes	Small volumes of anti-CLDN25 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CLDN25 purchase	MBS9451553 is an antibody targeting CLDN25. Also known as CLDN25 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLDN25. It may not necessarily be applicable to this product.

NCBI GI #	157820127
NCBI GeneID	644672
NCBI Accession #	NP_001094859
UniProt Primary Accession #	C9JDP6
UniProt Related Accession #	C9JDP6
GenBank Nucleotide #	NP_001094859.1
NCBI Official Full Name	putative claudin-25
NCBI Official Synonym Full Names	claudin 25
NCBI Official Symbol	CLDN25
UniProt Protein Name	Putative claudin-25
Protein Family	Putative claudin
UniProt Gene Name	CLDN25
UniProt Entry Name	CLD25_HUMAN
NCBI Protein Information	putative claudin-25
UniProt Comments for CLDN25	hCG_1646420: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. Belongs to the claudin family. Protein type: Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 11q23.2 Cellular Component: tight junction; plasma membrane; integral to membrane Molecular Function: structural molecule activity
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