

CLDN18 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9229b

Specification

CLDN18 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P56856](#)

CLDN18 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51208

Other Names

Claudin-18, CLDN18

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9229b](/products/AP9229b) was selected from the C-term region of human CLDN18. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CLDN18 Antibody (C-term) Blocking Peptide - Protein Information

Name CLDN18

Function

Plays a major role in tight junction-specific

CLDN18 Antibody (C-term) Blocking Peptide - Background

CLDN18 belongs to the large claudin family of proteins, which form tight junction strands in epithelial cells.

CLDN18 Antibody (C-term) Blocking Peptide - References

Sahin,U., et.al., Clin. Cancer Res. 14 (23), 7624-7634 (2008)Zwiers,A., et.al, Inflamm. Bowel Dis. 14 (12), 1652-1659 (2008)

obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

Cellular Location

Cell junction, tight junction
{ECO:0000250|UniProtKB:P56857}. Cell membrane
{ECO:0000250|UniProtKB:P56857};
Multi-pass membrane protein.
Note=Localizes to tight junctions in epithelial cells
{ECO:0000250|UniProtKB:P56857}

Tissue Location

Isoform A1: Expression is restricted to the lung (PubMed:19047087). Isoform A2: Expression is restricted to the stomach mucosa where it is predominantly observed in the epithelial cells of the pit region and the base of the gastric glands including exocrine and endocrine cells (at protein level) (PubMed:19047087)

CLDN18 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)