

CLDN2 Antibody (C-term Y224) Blocking peptide
Synthetic peptide
Catalog # BP12633b**Specification**

CLDN2 Antibody (C-term Y224) Blocking peptide - Product InformationPrimary Accession [P57739](#)**CLDN2 Antibody (C-term Y224) Blocking peptide - Additional Information****Gene ID** 9075**Other Names**

Claudin-2, SP82, CLDN2

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.

CLDN2 Antibody (C-term Y224) Blocking peptide - Protein Information**Name** CLDN2**Function**

Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

Cellular Location

Cell junction, tight junction {ECO:0000250|UniProtKB:O88552}. Cell membrane {ECO:0000250|UniProtKB:O88552}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O88552}

CLDN2 Antibody (C-term Y224) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CLDN2 Antibody (C-term Y224) Blocking peptide - Images**CLDN2 Antibody (C-term Y224) Blocking peptide - Background**

This gene product belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated regions have been found for this gene.

CLDN2 Antibody (C-term Y224) Blocking peptide - References

Smith, A.J., et al. J. Acquir. Immune Defic. Syndr. 55(3):306-315(2010) Kojima, F., et al. Oncol. Rep. 23(4):927-931(2010) Szakal, D.N., et al. Virchows Arch. 456(3):245-250(2010) Buchert, M., et al. Proc. Natl. Acad. Sci. U.S.A. 107(6):2628-2633(2010) Mankertz, J., et al. Cell Tissue Res. 336(1):67-77(2009)