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CDH19 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12951b

Specification

CDH19 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9H159

CDH19 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 28513

Other Names
Cadherin-19, CDH19, CDH7L2

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.

CDH19 Antibody (C-term) Blocking peptide - Protein Information

Name CDH19

Synonyms CDH7L2

Function
Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Expressed in many tissues, with the exception of uterus

CDH19 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

CDH19 Antibody (C-term) Blocking peptide - Images

CDH19 Antibody (C-term) Blocking peptide - Background

This gene is a type II classical cadherin from thecadherin superfamily and one of three cadherin 7-like genes locatedin a cluster on chromosome 18. The encoded membrane protein is acalcium dependent cell-cell adhesion glycoprotein comprised of fiveextracellular cadherin repeats, a transmembrane region and a highlyconserved cytoplasmic tail. Type II (atypical) cadherins aredefined based on their lack of a HAV cell adhesion recognitionsequence specific to type I cadherins. Since disturbance ofintracellular adhesion is a prerequisite for invasion andmetastasis of tumor cells, cadherins are considered primecandidates for tumor suppressor genes.

CDH19 Antibody (C-term) Blocking peptide - References

Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Kools, P., et al. Genomics 68(3):283-295(2000)Shimoyama, Y., et al. Biochem. J. 349 (PT 1), 159-167 (2000) :Kremmidiotis, G., et al. Genomics 49(3):467-471(1998)