

**CDH3 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1499b****Specification**

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**CDH3 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P22223](#)**CDH3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 1001**Other Names**

Cadherin-3, Placental cadherin, P-cadherin, CDH3, CDHP

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1499b](/product/products/AP1499b) was selected from the C-term region of human CDH3. 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.

**CDH3 Antibody (C-term) Blocking Peptide - Protein Information****Name** CDH3**Synonyms** CDHP**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 some normal epithelial tissues and in some carcinoma cell lines.

### **CDH3 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **CDH3 Antibody (C-term) Blocking Peptide - Images**

### **CDH3 Antibody (C-term) Blocking Peptide - Background**

CDH3 is a classical cadherin from the cadherin superfamily. It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in the gene encoding CDH3 have been associated with congenital hypotrichosis with juvenile macular dystrophy.

### **CDH3 Antibody (C-term) Blocking Peptide - References**

Indelman,M., Clin. Exp. Dermatol. 32 (2), 191-196 (2007)Paredes,J., Clin. Cancer Res. 11 (16), 5869-5877 (2005)