

PACO18275

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000,  
IHC:1:50-1:200

**Protein Background:**

This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites.

**Gene ID:**

CDH1

**Uniprot**

P12830

**Synonyms:**

cadherin 1, type 1, E-cadherin (epithelial)

**Immunogen:**

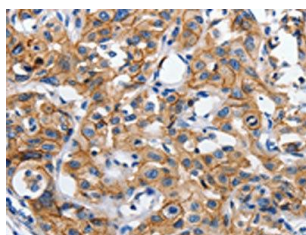
Synthetic peptide of human CDH1.

**Storage:**

-20&deg; C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

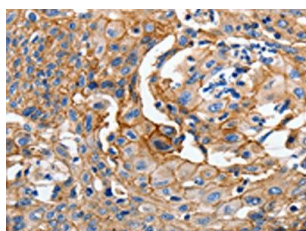
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The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using PACO18275(CDH1 Antibody) at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 &mu; g, Lane 1-3: Human brain malignant glioma tissue, Human colon cancer tissue, mouse pancreas tissue, Primary antibody: PACO18275(CDH1 Antibody) at dilution 1/1950, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO18275(CDH1 Antibody) at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x—200).