

CDH1

Reactivity:Human

Tested applications:IHC

Recommended Dilution:IHC 1:500 - 1:2000

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human CDH1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

dt

Synonym:

UVO; CDHE; ECAD; LCAM; Arc-1; CD324;

Catalog #:A5513

Antibody Type:

Monoclonal Antibody

Species:Mouse

Gene ID:999

Isotype:IgG

Swiss Prot:P12830

Purity:Affinity purification

For research use only.

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.

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