

E-Cadherin Mouse Monoclonal Antibody



CAB5513

Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

Calculated MW:

90kDa/97kDa

Applications:

IHC

Reactivity:

Human

Antibody Information

Recommended dilutions:

IHC 1:500 - 1:2000

Source:

Mouse

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is 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 of this gene is thought to contribute to cancer progression 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. This gene is present in a gene cluster with other members of the cadherin family on chromosome 16.

Immunogen information

Gene ID:

999

Uniprot

P12830

Synonyms:

Arc-1; CD324; CDHE; ECAD; LCAM; UVO; CDH1; E-Cadherin

Immunogen:

Recombinant protein of human CDH1

Storage:

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

Product Images
