

## E Cadherin Recombinant Rabbit mAb

Catalog: BS45116

Host: Rabbit

Reactivity: Human

### 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 prepro-protein 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. [provided by RefSeq, Nov 2015]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

80-120kDa(cleavages),135 kDa

### Swiss-Prot:

P12830

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000-1:20000<br />IHC: 1:200-1:500<br />ICC/IF: 1:200-1:1000<br />FC: 1:20<br />IP: 1:50

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of E Cadherin in PC3 cell lysates using E Cadherin antibody(1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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