



E-Cadherin Rabbit pAb

db157 Package : 20μL 50μL 100μL

Product Name: E-Cadherin Rabbit pAb

Cat.No.: db157

Synonyms: UVO; CDHE; ECAD; LCAM; Arc-1; BCDS1; CD324

Application: WB, IHC, ICC/IF, FC

Reactivity : Human

Host species : Rabbit

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. [provided by RefSeq, Nov 2015]

Immunogen A synthetic peptide of human E-Cadherin

Gene ID 999

Swiss Prot P12830

Synonyms UVO; CDHE; ECAD; LCAM; Arc-1; BCDS1; CD324

Reactivity Human

Application WB, IHC, ICC/IF, FC

Recommended dilution WB: 1:5000

IHC: 1:500 ICC/IF: 1500 FC: 1:100

IP: 1:50

Calculated MW 98 kDa

Observed MW 80-120kDa(cleavages),135 kDa

Host species Rabbit



For Research Use Only **Product Datasheet**

Clonality Polyclonal

Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability 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.