

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 dilutionWB: 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

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.