Biotin Conjugated-E-Cadherin Rabbit mAb

Catalog NO.: A20798BC Recombinant

Basic Information

Observed MW

Calculated MW
97kDa

Category
Monoclonal Antibodies

Applications
IHC-P

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Clone number
ARC51012

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.

Recommended Dilutions

IHC-P	1:25 - 1:200

Immunogen Information

Gene ID
999

Swiss Prot
P12830

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

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

Contact

Product Information

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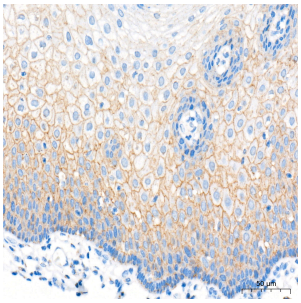
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using Biotin Conjugated-E-Cadherin Rabbit mAb (A20798BC) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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