Product Datasheet

E Cadherin Rabbit mAb

Catalog No: #48801

Package Size: #48801-1 50ul #48801-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

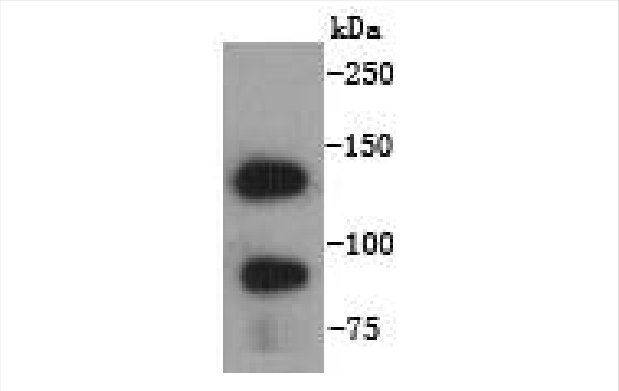
Description

Product Name	E Cadherin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SY0287
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	Arc 1 antibody CADH1_HUMAN antibody Cadherin 1 antibody cadherin 1 type 1 E-cadherin antibody Cadherin1 antibody CAM 120/80 antibody CD 324 antibody CD324 antibody CD324 antigen antibody cdh1 antibody CDHE antibody E-Cad/CTF3 antibody E-cadherin antibody ECAD antibody Epithelial cadherin antibody epithelial calcium dependant adhesion protein antibody LCAM antibody Liver cell adhesion molecule antibody UVO antibody Uvomorulin antibody
Accession No.	Swiss-Prot#:P12830
Calculated MW	97/91 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

Images



Western blot analysis of E Cadherin on MCF-7 (1) and A431 (2) cells lysates using anti-E Cadherin antibody at 1/1,000 dilution.

Background

Cadherins comprise a family of Ca2+-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Members of this family of adhesion proteins include rat cadherin K (and its human homolog, cadherin-6), R-cadherin,

B-cadherin, E/P cadherin and cadherin-5. The classical cadherins, E-, N- and P-cadherin, consist of large extracellular domains characterized by a series of five homologous NH2 terminal repeats. The most distal of these cadherins is thought to be responsible for binding specificity, transmembrane domains and carboxy terminal intracellular domains. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as β-catenin, to regulate cadherin function.

References

1. Su B et al. Diallyl disulfide suppresses epithelial-mesenchymal transition, invasion and proliferation by downregulation of LIMK1 in gastric cancer. Oncotarget 7:10498-512 (2016).
2. Schmidt TP et al. Identification of E-cadherin signature motifs functioning as cleavage sites for Helicobacter pylori HtrA. Sci Rep 6:23264 (2016).

Published Papers

el at., PD-L1 Expression Is Regulated By NF-κB DurIng EMT SignalIng In Gastric CarcInoma. In Onco Targets Ther on 2019 Nov 25 by Xu D, Li J, et al..PMID:31819504, , (2019)

PMID:31819504

Note: This product is for in vitro research use only and is not intended for use in humans or animals.