

Product Name: E Cadherin Rabbit Monoclonal Antibody**Catalog #: AMRe85104**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 97 kDa; Observed MW: 80-120,135 kDa

Antigen Information

Gene Name	E Cadherin
Alternative Names	CDH1; CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD antigen CD324
Gene ID	999.0
SwissProt ID	P12830
Immunogen	A synthetic peptide of human E Cadherin

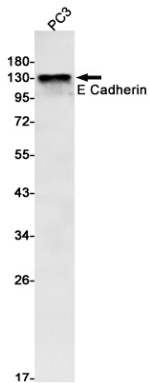
Background

CDH1 a single-pass type I membrane protein, and calcium dependent cell adhesion proteins. It is a ligand for integrin alpha-E/beta-7, and it colocalizes with DLG7 at sites of cell-cell contact in intestinal epithelial cells.

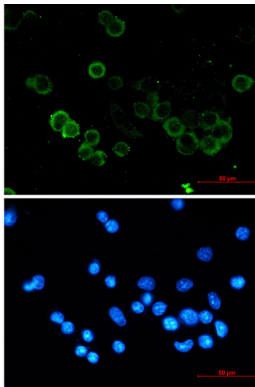
Research Area

TGF-beta signaling pathway

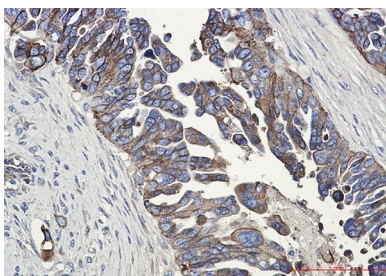
Image Data



Western blot analysis of E Cadherin in PC-3 lysates using E Cadherin antibody.



Immunocytochemistry analysis of E Cadherin (green) in MCF-7 using E Cadherin antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using E Cadherin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.