

Mouse anti-Human, Mouse E-Cadherin Monoclonal Antibody | anti-CDH1 antibody

Anti-E-Cadherin Antibody

CATALOG # AAA290878	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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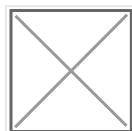
PRODUCT SYNONYMS

E-Cadherin; Monoclonal Antibody; Anti-E-Cadherin Antibody; Arc 1; CADH1_HUMAN; Cadherin 1; cadherin 1 type 1 E-cadherin; Cadherin1; CAM 120/80; CD 324; CD324; CD324 antigen; cdh1; CDHE; E-Cad/CTF3; E-cadherin; ECAD; Epithelial cadherin; epithelial calcium dependant adhesion protein; LCAM; Liver cell adhesion molecule; UVO; Uvomorulin.; anti-CDH1 antibody

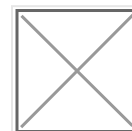
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	Purified mouse monoclonal antibody in PBS (pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Sequence Length	821
Applicable Applications for anti-CDH1 antibody	WB (Western Blot)
Cellular Location	Cell junction. Cell membrane; Single-pass type I membrane protein. Endosome. Golgi apparatus, trans-Golgi network. Note=Colocalizes with DLGAP5 at sites of cell-cell contact in intestinal epithelial cells. Anchored to actin microfilaments through association with alpha-, beta-and gamma-catenin. Sequential proteolysis induced by apoptosis or calcium influx, results in translocation from sites of cell-cell contact to the cytoplasm. Colocalizes with RAB11A endosomes during its transport from the Golgi apparatus to the plasma membrane
Tissue Location	Non-neural epithelial tissues.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt

IMAGES


WB (Western Blot)

Western blot detection of E-Cadherin in Mouse embryos and HCT116 cell lysates using E-Cadherin mouse mAb (dilution 1:1000). Predicted band size:135kDa. Observed band size:135kDa.


WB (Western Blot)

Western blot detection of E-Cadherin in T47D, HCT116, MDA-MB-468 and Caco-2 cell lysates using E-Cadherin mouse mAb (dilution 1:2000). Predicted band size:135kDa. Observed band size:135kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH1 antibody	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	953768348
NCBI GeneID	999
NCBI Accession #	NP_001304113.1
NCBI GenBank Nucleotide #	NM_004360
UniProt Accession #	P12830; Q13799; Q14216; Q15855; Q16194; Q4PJ14; Q9UII8; A8K1U7
Molecular Weight	135 KDa
NCBI Official Full Name	cadherin-1 isoform 2
NCBI Official Synonym Full Names	cadherin 1
NCBI Official Symbol	CDH1
NCBI Official Synonym Symbols	UVO; CDHE; ECAD; LCAM; Arc-1; CD324
NCBI Protein Information	cadherin-1
UniProt Protein Name	Cadherin-1
UniProt Gene Name	CDH1
UniProt Synonym Gene Names	CDHE; UVO; E-cadherin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/e-cadherin-antibody-western-blot-elisa/290878>