

Mouse CDH1 Monoclonal Antibody | anti-CDH1 antibody

CDH1 antibody

CATALOG # AAA106330	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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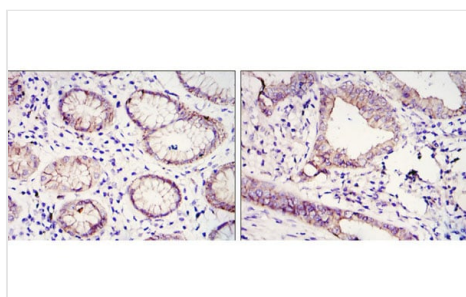
PRODUCT SYNONYMS

CDH1; Monoclonal Antibody; CDH1 antibody; Monoclonal CDH1; Anti-CDH1; ECAD; CDH 1; LCAM; UVO; CDHE; CD324; Cadherin 1; Ar-1c; CDH-1; Type 1 E-Cadherin; anti-CDH1 antibody

PRODUCT SPECIFICATIONS

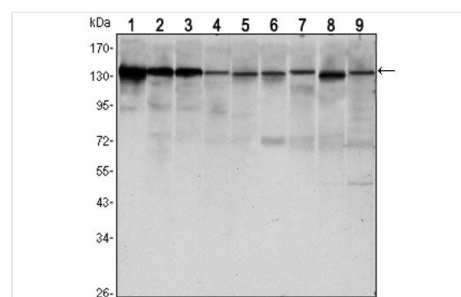
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7H12
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	647
Applicable Applications for anti-CDH1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Biological Significance	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.
Cross-Reactivity	Human, Mouse, Monkey
Immunogen	CDH1 antibody was raised in Mouse using a purified recombinant fragment of human CDH1 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded gastric cancer tissues (left) and lung cancer tissues (right) using CDH1 antibody with DAB staining.



WB (Western Blot)

Western Blot showing CDH1 antibody used against LNCAP (1), A431 (2), DU145 (3), PC-3 (4), MCF-7 (5), PC-12 (6), NIH/3T3 (7), C6 (8) and COS7 (9) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH1 antibody	Mouse monoclonal CDH1 antibody
Product Categories/Family for anti-CDH1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	148921649
NCBI GeneID	999
UniProt Accession #	P12830; Q13799; Q14216; Q15855; Q16194; Q4PJ14; Q9UII8; A8K1U7
Molecular Weight	90,942 Da
NCBI Official Full Name	CDH1 protein
NCBI Official Synonym Full Names	cadherin 1, type 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
UniProt Entry Name	CADH1_HUMAN

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/cdh1-antibody-clone-7h12-western-blot-immunohistochemistry-immunofluorescence-elisa/106330>