

Mouse anti-Human, mouse CDH1 Monoclonal Antibody | anti-CDH1 antibody

CDH1 Antibody

CATALOG # AAA283498	HOST Mouse	REACTIVITY Human, mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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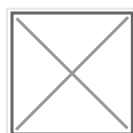
PRODUCT SYNONYMS

CDH1; Monoclonal Antibody; CDH1 Antibody; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD324; E-Cad/CTF1; E-Cad/CTF2; E-Cad/CTF3; CDHE; UVO; anti-CDH1 antibody

PRODUCT SPECIFICATIONS

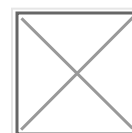
Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	813CT11.1.3
Specificity	Purified His-tagged CDH1 protein was used to produced this monoclonal antibody.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	882
Applicable Applications for anti-CDH1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Recombinant Protein
Crown Antibody	Yes
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

CDH1 Antibody western blot analysis in WiDr cell line and mouse stomach tissue lysates (35ug/lane). This demonstrates the CDH1 antibody detected the CDH1 protein (arrow).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. stomach section using CDH1 Antibody. AAA283498 was diluted at 1:25 dilution. A undiluted biotinylated goat polyclonal antibody was used as the secondary, followed by DAB staining.

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. E-Cad/CTF2 promotes non-amyloidogenic degradation of Abeta precursors. Has a strong inhibitory effect on APP C99 and C83 production.
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Product Categories/Family for anti-CDH1 antibody	Crown Antibodies ; Cancer ; Developmental Biology ; Signal Transduction
References	Bussemakers M.J.G., et al. Mol. Biol. Rep. 17:123-128(1993). Oda T., et al. Proc. Natl. Acad. Sci. U.S.A. 91:1858-1862(1994). Rimm D.L., et al. Biochem. Biophys. Res. Commun. 200:1754-1761(1994). Ito K., et al. Oncogene 18:7080-7090(1999). Bussemakers M.J.G., et al. Biochem. Biophys. Res. Commun. 203:1284-1290(1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757960
NCBI GeneID	999
NCBI Accession #	NP_004351.1
NCBI GenBank Nucleotide #	NM_004360.3
UniProt Accession #	P12830 ; Q13799 ; Q14216 ; Q15855 ; Q16194 ; Q4PJ14 ; Q9UII8 ; A8K1U7
Molecular Weight	97456
NCBI Official Full Name	cadherin-1 preproprotein
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-813ct11-1-3-western-blot-immunohistochemistry-elisa/283498>