

CDH1 recombinant antibody

CDH1 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279145	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CDH1; Monoclonal Recombinant Antibody; CDH1 Recombinant Monoclonal Antibody; Arc 1; CADH1_HUMAN; Cadherin 1; cadherin 1 type 1 E-cadherin; Cadherin-1; 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; CDH1 recombinant antibody

PRODUCT SPECIFICATIONS

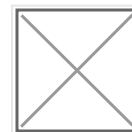
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG
Clone Number	20E8
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for CDH1 recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human CDH1 protein
Conjugation	Non-conjugated
Research Area	Cancer; Developmental biology; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing MCF7 cells stained with AAA279145 (red line) at 1:100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*106cells) used under the same conditions. Acquisition of >10,026 events was performed.



IHC (Immunohistochemistry)

IHC image of AAA279145 diluted at 1:200 and staining in paraffin-embedded human endometrial cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: Mouse Liver tissue lysateAll lanes: CDH1 antibody at 1:500SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 80-135 kDaObserved band size: 135 kDa

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; A8K1U7
Molecular Weight	97,456 Da
NCBI Official Full Name	cadherin-1 preproprotein
NCBI Official Synonym Full Names	cadherin 1, type 1, E-cadherin (epithelial)
NCBI Official Symbol	CDH1
NCBI Official Synonym Symbols	UVO; CDHE; ECAD; LCAM; Arc-1; CD324
NCBI Protein Information	cadherin-1; CAM 120/80; E-Cadherin; uvomorulin; cell-CAM 120/80; epithelial cadherin; cadherin 1, E-cadherin (epithelial); calcium-dependent adhesion protein, epithelial
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-recombinant-antibody-clone-20e8-flow-cytometry-immunohistochemistry-western-blot-elisa/279145>