

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

E-Cadherin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312007	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot

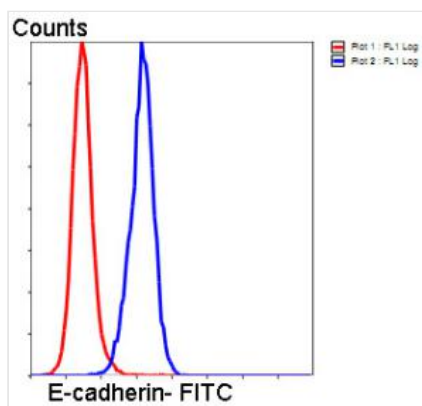
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

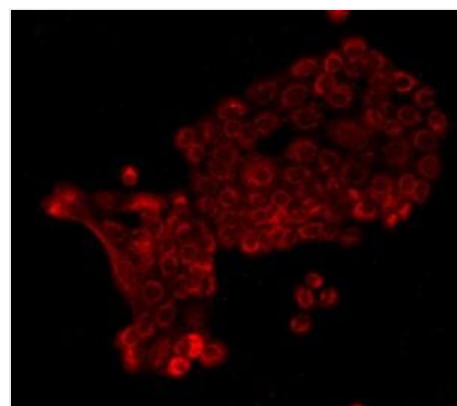
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	A0-G11-2
Purity/Purification	ProA affinity purified
Form/Format	1*TBST (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CDHE antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



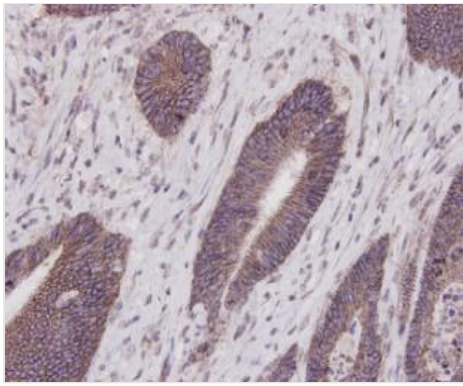
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with E-Cadherin antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti mouse IgG (FITC) was used as the secondary antibody



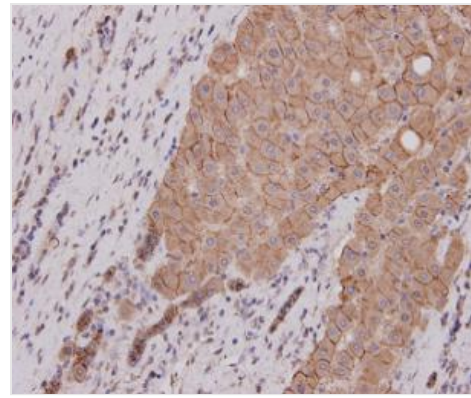
ICC (Immunocytochemistry)

ICC staining E-Cadherin in A431 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



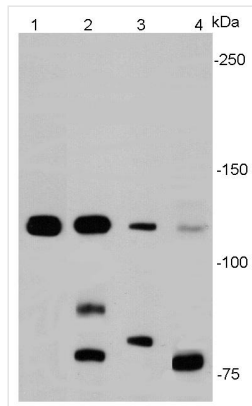
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using E-Cadherin antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using E-Cadherin antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of E-cadherin on different cell lysates using anti- E-cadherin antibody at 1/1000 dilution. Positive control: Lane 1: A431 Lane 2: SW480 Lane 3: MCF-7 Lane 4: Hela

ADDITIONAL INFORMATION

Related Product Information for anti-CDHE antibody	E-cadherin (epithelial) is the most well-studied member of the cadherin family. It consists of 5 cadherin repeats (EC1 ~ EC5) in the extracellular domain, one transmembrane domain, and an intracellular domain that binds p120-catenin and beta-catenin. The intracellular domain contains a highly-phosphorylated region vital to beta-catenin binding and, therefore, to E-cadherin function. Loss of E-cadherin function or expression has been implicated in cancer progression and metastasis. E-cadherin downregulation decreases the strength of cellular adhesion within a tissue, resulting in an increase in cellular motility. This in turn may allow cancer cells to cross the basement membrane and invade surrounding tissues. E-cadherin is also used by pathologists to identify different kinds of breast cancer.
Product Categories/Family for anti-CDHE antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	115419
NCBI GeneID	12550
UniProt Accession #	P09803; Q61377
Molecular Weight	884
NCBI Official Full Name	Cadherin-1
NCBI Official Synonym Full Names	cadherin 1
NCBI Official Symbol	Cdh1

NCBI Official Synonym Symbols	Um; UVO; Ecad; E-cad; L-CAM; AA960649
NCBI Protein Information	cadherin-1; ARC-1; E-cadherin; uvomorulin; epithelial cadherin
UniProt Protein Name	Cadherin-1
UniProt Gene Name	Cdh1
UniProt Synonym Gene Names	E-cadherin
UniProt Entry Name	CADH1_MOUSE

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-clone-a0-g11-2-flow-cytometry-immunohistochemistry-immunocytochemistry-western-blot-elisa/312007>