

CDH17/Cadherin-17 Recombinant Antibody | CDH17 recombinant antibody

Anti-CDH17/Cadherin-17 Reference Antibody (10C12)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29399	CHO Cell	Human	ELISA, Flow Cytometry, Functional Assay, Functional Assay

PRODUCT SYNONYMS

CDH17/Cadherin-17; Monoclonal Recombinant Antibody; Anti-CDH17/Cadherin-17 Reference Antibody (10C12); CDH17 recombinant antibody

PRODUCT SPECIFICATIONS

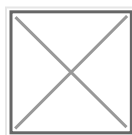
Host	CHO Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	CDH17/Cadherin-17
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CDH17 recombinant antibody	ELISA, FCM/FACS (Flow Cytometry), FA (Functional Assay), Animal Model
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



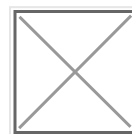
Application Data

10C12 inhibited the tumor growth of COLO205 on nude mice. The result showed significant anti-tumor effects, with a tumor inhibition rate (TGI) of 70.0% at 5 mpk at D26.



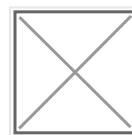
FCM (Flow Cytometry)

Human CDH17 HEK293 cells were stained with Anti-CDH17 / Cadherin-17 Reference Antibody (10C12) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC240=0.06889 ug/mL



Application Data

The endocytosis ratio 10C12 by Human CDH17 HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 80% at antibody concentration of 2 nM.



Application Data

Immobilized human CDH17, His Tag at 2 ug/mL can bind Anti-CDH17 / Cadherin-17 Reference Antibody (10C12), EC50=0.00468ug/mL



Application Data

The purity of Anti-CDH17 / Cadherin-17 Reference Antibody (10C12) is more than 98.15% ,determined by SEC-HPLC.



SDS-PAGE

Anti-CDH17 / Cadherin-17 Reference Antibody (10C12) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for CDH17 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316595
NCBI GeneID	1015
NCBI Accession #	NP_001138135.1
NCBI GenBank Nucleotide #	NM_001144663.1
UniProt Accession #	Q12864; Q15336; Q2M2E0
Molecular Weight	92,219 Da
NCBI Official Full Name	cadherin-17
NCBI Official Synonym Full Names	cadherin 17, LI cadherin (liver-intestine)
NCBI Official Symbol	CDH17
NCBI Official Synonym Symbols	HPT1; CDH16; HPT-1
NCBI Protein Information	cadherin-17; LI cadherin; LI-cadherin; cadherin-16; HPT-1 cadherin; liver-intestine cadherin; human peptide transporter 1; intestinal peptide-associated transporter HPT-1; human intestinal peptide-associated transporter HPT-1
UniProt Protein Name	Cadherin-17
UniProt Gene Name	CDH17
UniProt Synonym Gene Names	LI-cadherin
UniProt Entry Name	CAD17_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/cdh17-cadherin-17-recombinant-antibody-flow-cytometry-functional-assay-elisa/29399>