

CDH6/K-Cadherin Recombinant Antibody | CDH6 recombinant antibody

Anti-CDH6/K-Cadherin Reference Antibody (HKT288)

CATALOG # AAA29392	HOST CHO Cell	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Functional Assay
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PRODUCT SYNONYMS

CDH6/K-Cadherin; Monoclonal Recombinant Antibody; Anti-CDH6/K-Cadherin Reference Antibody (HKT288); CDH6 recombinant antibody

PRODUCT SPECIFICATIONS

Host	CHO Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	CDH6/K-Cadherin
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 CDH6 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



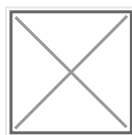
Application Data

HKT288 induced OVCAR3 Luciferase activity was evaluated using huCD16a(V158)-NF-AT-Jurkat Reporter Cell. The EC50 was approximately 0.6792 nM.



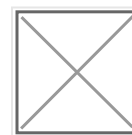
Application Data

The endocytosis ratio HKT288 by Hu-CDH6-HEK293(A6) increased with the increase of antibody concentration, and the Internalization Rate (%) reached 93% at antibody concentration of 2 nM.



FCM (Flow Cytometry)

Human CDH6 HEK293(A6) cells were stained with Anti-CDH6 / K-Cadherin Reference Antibody (HKT288) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC71=0.08624 ug/mL



Application Data

Immobilized Cyno CDH6 His at 2 ug/mL can bind Anti-CDH6 / K-Cadherin Reference Antibody (HKT288), EC50=0.006944 ug/mL.



Application Data

The purity of Anti-CDH6 / K-Cadherin Reference Antibody (HKT288) is more than 97.93%, determined by SEC-HPLC.



SDS-PAGE

Anti-CDH6 / K-Cadherin Reference Antibody (HKT288) 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 CDH6 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826673
NCBI GeneID	1004
NCBI Accession #	NP_004923
NCBI GenBank Nucleotide #	NM_004932
UniProt Accession #	P55285; Q9BWS0; A8K5H5
Molecular Weight	73,864 Da
NCBI Official Full Name	cadherin-6 preproprotein
NCBI Official Synonym Full Names	cadherin 6, type 2, K-cadherin (fetal kidney)
NCBI Official Symbol	CDH6
NCBI Official Synonym Symbols	CAD6; KCAD
NCBI Protein Information	cadherin-6
UniProt Protein Name	Cadherin-6
UniProt Gene Name	CDH6
UniProt Synonym Gene Names	K-cadherin
UniProt Entry Name	CADH6_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/cdh6-k-cadherin-recombinant-antibody-flow-cytometry-functional-assay-elisa/29392>