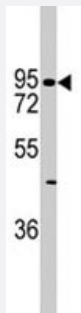


CDH6 polyclonal antibody

Catalog # PAB1867

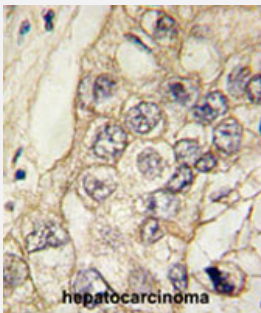
Size 400 uL

Applications



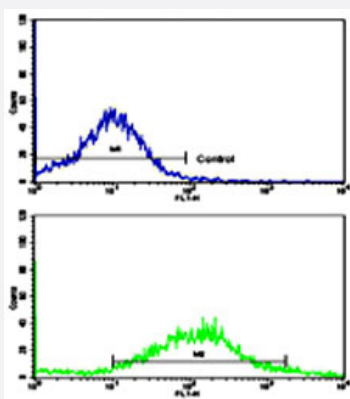
Western Blot (Cell lysate)

Western blot analysis of CDH6 polyclonal antibody (Cat # PAB1867) in 293 cell line lysates (35 ug/lane). CDH6 (arrow) was detected using the purified polyclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with CDH6 polyclonal antibody (Cat # PAB1867), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow Cytometry

Flow cytometric analysis of NCI-H292 cells using CDH6 polyclonal antibody (Cat # PAB1867)(bottom histogram) compared to a negative control cell (top histogram).

FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of CDH6.

Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human CDH6.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) Flow cytometry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — CDH6

Entrez GeneID

[1004](#)

Protein Accession#

[NP_004923;P55285](#)

Gene Name	CDH6
Gene Alias	KCAD
Gene Description	cadherin 6, type 2, K-cadherin (fetal kidney)
Omim ID	603007
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a type II classical cadherin from the cadherin superfamily. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Cadherins mediate cell-cell binding in a homophilic manner, contributing to the sorting of heterogeneous cell types and the maintenance of orderly structures such as epithelium. Strong transcriptional expression of this gene has been observed in hepatocellular and renal carcinoma cell lines, suggesting a possible role in metastasis and invasion. [provided by RefSeq]
Other Designations	K-cadherin cadherin 6, K-cadherin (fetal kidney) cadherin 6, type 2 cadherin, fetal kidney kidney cadherin

Publication Reference

- [Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry.](#)

Liu T, Qian WJ, Gritsenko MA, Camp DG 2nd, Monroe ME, Moore RJ, Smith RD.
Journal of Proteome Research 2005 Nov; 4(6):2070.
- [Identification of three human type-II classic cadherins and frequent heterophilic interactions between different subclasses of type-II classic cadherins.](#)

Shimoyama Y, Tsujimoto G, Kitajima M, Natori M.
The Biochemical Journal 2000 Jul; 349(Pt 1):159.
- [Biochemical characterization and functional analysis of two type II classic cadherins, cadherin-6 and -14, and comparison with E-cadherin.](#)

Shimoyama Y, Takeda H, Yoshihara S, Kitajima M, Hirohashi S.
The Journal of Biological Chemistry 1999 Apr; 274(17):11987.

Application: IF, WB-Ce, WB-Tr, Mouse, Mouse L fibroblasts