

Mouse anti-Human CDH16 Monoclonal Antibody | anti-CDH16 antibody

Anti-CDH16 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14153	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

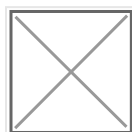
PRODUCT SYNONYMS

CDH16; Monoclonal Antibody; Anti-CDH16 Mouse mAb; KSP-Cadherin; anti-CDH16 antibody

PRODUCT SPECIFICATIONS

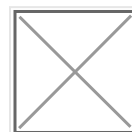
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6H6E2
Purity/Purification	Unpurification
Form/Format	Purified antibody in PBS with 0.05% sodium azide.
Sequence Length	732
Applicable Applications for anti-CDH16 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human CDH16 (AA: EX (558-721)) expressed in E Coli.
Subcellular Location	Cell membrane, Membrane
Preparation and Storage	Store at -20°C.

IMAGES



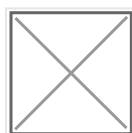
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded kidney tissues using CDH16 mouse mAb with DAB staining.



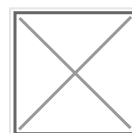
FCM (Flow Cytometry)

Flow cytometric analysis of A431 cells using CDH16 mouse mAb (green) and negative control (red).



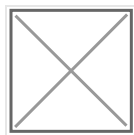
IF (Immunofluorescence)

Immunofluorescence analysis of A431 cells using CDH16 mouse mAb (green). Blue



WB (Western Blot)

Western blot analysis using CDH16 mouse mAb against A431 (1), Jurkat (2) cell lysate.

**WB (Western Blot)**

Western blot analysis using CDH16 mAb against HEK293 (1) and CDH16 (AA)

**WB (Western Blot)**

Western blot analysis using CDH16 mAb against human CDH16 (AA)

ADDITIONAL INFORMATION**Related Product Information for anti-CDH16 antibody**

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins. Expression is exclusively in kidney, where the protein functions as the principal mediator of homotypic cellular recognition, playing a role in the morphogenic direction of tissue development. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325296975
NCBI GeneID	1014
NCBI Accession #	NP_001191675.1
NCBI GenBank Nucleotide #	NM_001204746.1
UniProt Accession #	O75309; Q6UW93; B4DPA8; H3BPD3
Molecular Weight	90
NCBI Official Full Name	cadherin-16 isoform 4
NCBI Official Synonym Full Names	cadherin 16
NCBI Official Symbol	CDH16
NCBI Protein Information	cadherin-16
UniProt Protein Name	Cadherin-16
UniProt Gene Name	CDH16
UniProt Synonym Gene Names	Ksp-cadherin

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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