

Mouse CDH2 Monoclonal Antibody | anti-CDH2 antibody

CDH2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106404	Mouse	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

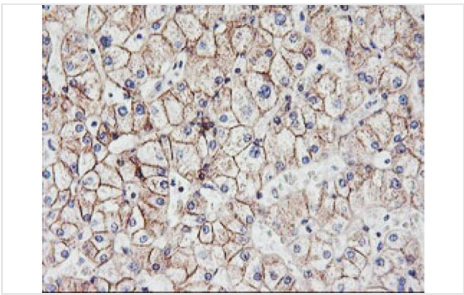
PRODUCT SYNONYMS

CDH2; Monoclonal Antibody; CDH2 antibody; Monoclonal CDH2; Anti-CDH2; Cadherin 2; Neural cadherin; NCAD; CD325; Cluster of differentiation 325; CDH 2; CDH-2; anti-CDH2 antibody

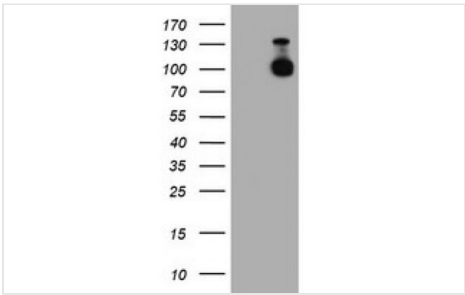
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2G7
Purity/Purification	CDH2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	906
Applicable Applications for anti-CDH2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	CDH2 a classical cadherin from the cadherin superfamily. Cadherin 2 is a calcium dependent cell-cell adhesion glycoprotein comprising five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product.
Cross-Reactivity	Human, Dog, Monkey, Mouse
Immunogen	CDH2 antibody was raised in mouse using a full length recombinant protein of human CDH2 (NP_001783) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of CDH2 protein in paraffin embedded Human liver tissue using CDH2 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CDH2 protein (Right) or empty vector (Left) detected with CDH2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CDH2 antibody	Mouse monoclonal CDH2 antibody
Product Categories/Family for anti-CDH2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589889
NCBI GeneID	1000
NCBI Accession #	NP_001783
NCBI GenBank Nucleotide #	NM_001792.3
UniProt Accession #	P19022; Q14923; Q8N173; A8MWK3; B0YIY6
Molecular Weight	97,040 Da
NCBI Official Full Name	cadherin-2 isoform 1 preproprotein
NCBI Official Synonym Full Names	cadherin 2, type 1, N-cadherin (neuronal)
NCBI Official Symbol	CDH2
NCBI Official Synonym Symbols	CDHN; NCAD; CD325; CDw325
NCBI Protein Information	cadherin-2
UniProt Protein Name	Cadherin-2
UniProt Gene Name	CDH2
UniProt Synonym Gene Names	CDHN; NCAD; N-cadherin
UniProt Entry Name	CADH2_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.