

Mouse CDH2 Monoclonal Antibody | anti-CDH2 antibody

CDH2 antibody

CATALOG # AAA106475	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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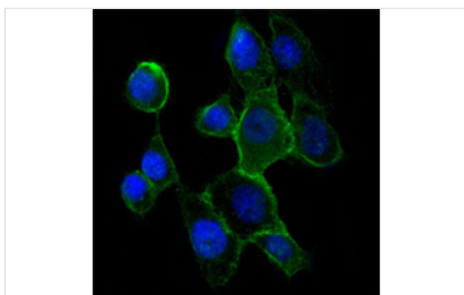
PRODUCT SYNONYMS

CDH2; Monoclonal Antibody; CDH2 antibody; Monoclonal CDH2; Anti-CDH2; CD325 antigen; CDH 2; CDH-2; NCAD; Calcium-dependent adhesion protein; Cadherin 2; anti-CDH2 antibody

PRODUCT SPECIFICATIONS

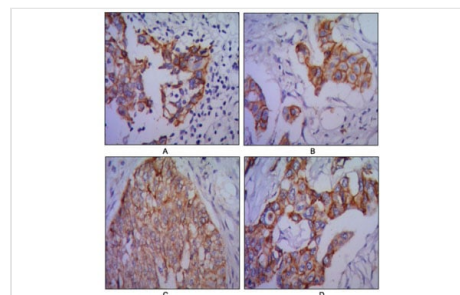
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5D5
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	906
Applicable Applications for anti-CDH2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Biological Significance	Cadherin 2 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, Mouse, Rat
Immunogen	CDH2 antibody was raised in Mouse using a purified recombinant fragment of human CDH2 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



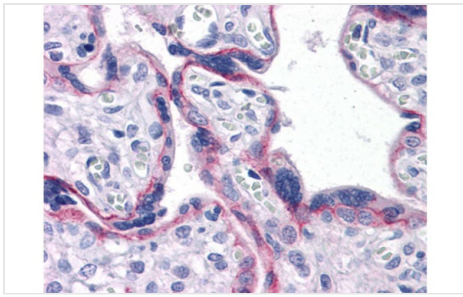
IF (Immunofluorescence)

Immunofluorescence analysis of A431 cells using CDH2 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



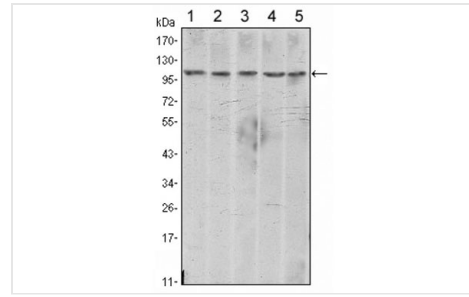
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer (A), colon cancer (B), ovarian cancer (C) and mammary cancer (D), using CDH2 antibody with DAB staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Placenta tissues using CDH2 antibody



WB (Western Blot)

Western Blot showing CDH2 antibody used against A431 (1), NIH/3T3 (2), HeLa (3), C6 (4) and LNCap (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH2 antibody	Mouse monoclonal CDH2 antibody
Product Categories/Family for anti-CDH2 antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589889
NCBI GeneID	1000
NCBI Accession #	NP_001783.2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdh2-antibody-clone-5d5-western-blot-immunohistochemistry-immunofluorescence-elisa/106475>