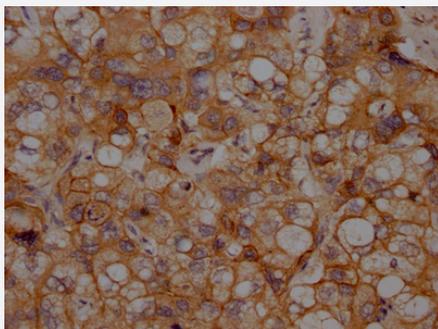


RecomAb™

# CDH2 recombinant monoclonal antibody, clone 1A9

Catalog # RAB04035      Size 100 uL

## Applications



### Immunohistochemistry

Immunohistochemistry image of CDH2 recombinant monoclonal antibody, clone 1A9 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system.

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human CDH2.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against recombinant protein corresponding to full length human CDH2.
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity-chromatography
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.

<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
-------------	--

## Applications

- Immunohistochemistry

Immunohistochemistry image of CDH2 recombinant monoclonal antibody, clone 1A9 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — CDH2

<b>Entrez GeneID</b>	<a href="#">1000</a>
<b>Protein Accession#</b>	<a href="#">P19022</a>
<b>Gene Name</b>	CDH2
<b>Gene Alias</b>	CD325, CDHN, CDw325, NCAD
<b>Gene Description</b>	cadherin 2, type 1, N-cadherin (neuronal)
<b>Omim ID</b>	<a href="#">114020</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a trans membrane 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. [provided by RefSeq]
<b>Other Designations</b>	N-cadherin 1 cadherin 2, N-cadherin (neuronal) cadherin 2, type 1 calcium-dependent adhesion protein, neuronal neural cadherin

## Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)

## Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)