

Datasheet for ABIN969038  
**anti-N-Cadherin antibody**

5 Images

2 Publications

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## Overview

Quantity:	100 µL
Target:	N-Cadherin (CDH2)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This N-Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), ELISA, Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human CDH2 expressed in E. coli.
Clone:	5D5
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	N-Cadherin (CDH2)
Alternative Name:	CDH2 ( <a href="#">CDH2 Products</a> )
Background:	Description: 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 transmembrane region and a highly conserved cytoplasmic tail. The protein

## Target Details

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.

Aliases: CDHN, NCAD, CD325, CDw325, CDH2

Molecular Weight: 99.8 kDa

Gene ID: 1000

HGNC: 1000

Pathways: [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Synaptic Membrane](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

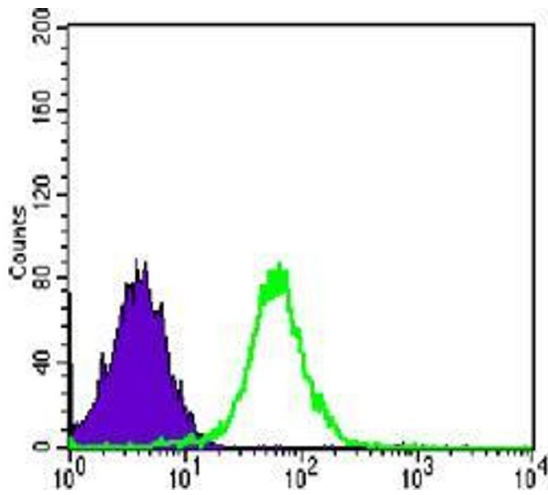
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

## Publications

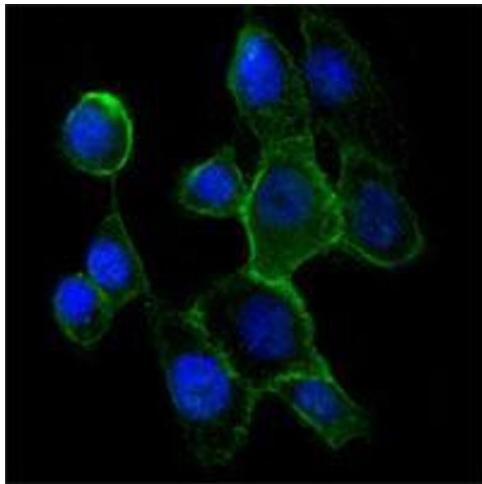
Product cited in: Helisalmi, Väkevä, Hiltunen, Soininen: "Flanking markers of cystatin c (CST3) gene do not show association with Alzheimer's disease." in: **Dementia and geriatric cognitive disorders**, Vol. 27, Issue 4, pp. 318-21, (2009) ([PubMed](#)).

Rehman, Fought, Solomon: "N-acetylcysteine effect on serum creatinine and cystatin C levels in CKD patients." in: **Clinical journal of the American Society of Nephrology : CJASN**, Vol. 3, Issue 6, pp. 1610-4, (2008) ([PubMed](#)).



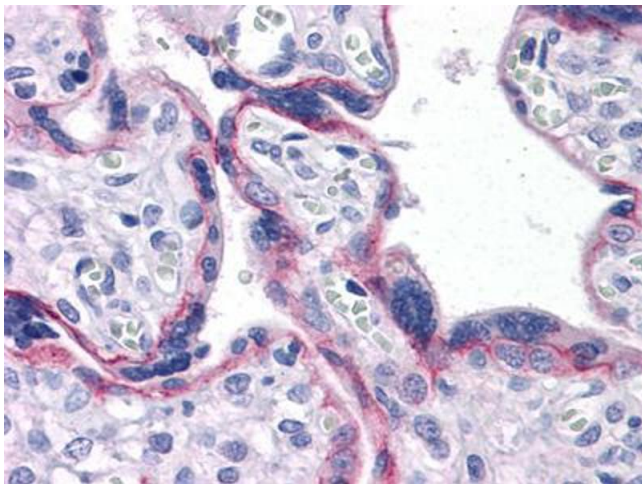
#### Flow Cytometry

**Image 1.** Flow cytometric analysis of PC-2 cells using CDH2 mouse mAb (green) and negative control (purple).



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of A431 cells using CDH2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



#### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded human Placenta tissues using CDH2 mouse mAb

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN969038.