

N-cadherin Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0931
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human N-cadherin expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	Cadherin-2
Synonyms	CDH2; CDHN; NCAD; Cadherin-2; CDw325; Neural cadherin; N-cadherin; CD antigen CD325

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein. This protein plays a role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone.

Recommended Dilution

FC: 1:200 - 1:400

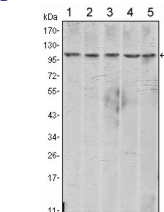
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

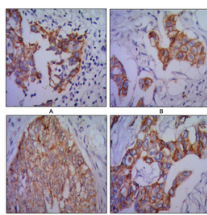
WB: 1:500 - 1:2000

Not yet tested in other applications.

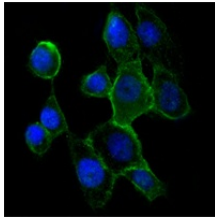
Images



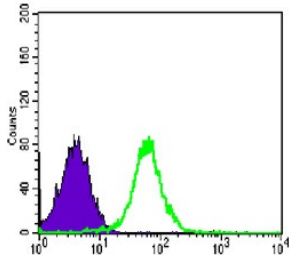
Western Blot analysis using N-cadherin Monoclonal antibody against A431 (1) NIH/3T3 (2) HeLa (3) C6 (4) and LNCap (5) cell lysate.



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



Immunofluorescence analysis of A431 cells using N-cadherin Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of PC-2 cells using N-cadherin Monoclonal antibody (green) and negative control (purple).

Storage

-20°C for one year

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