

## N-cadherin Monoclonal Antibody

### Description

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

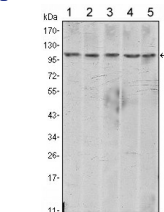
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

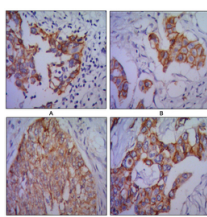
WB: 1:500 - 1:2000

Not yet tested in other applications.

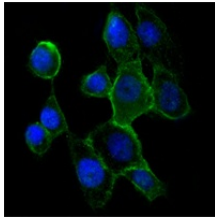
### Images



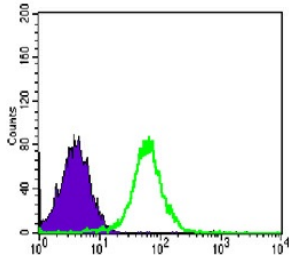
Western Blot analysis using N-cadherin Monoclonal antibody against A431 (1) NIH/3T3 (2) HeLa (3) C6 (4) and LNCap (5) cell lysate.



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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