

## NEDD9 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA4212
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100μL, 50μL
<b>Immunogen</b>	Purified recombinant fragment of human NEDD9 (AA: 82-398) expressed in E. Coli.
<b>Mol wt</b>	92.9kDa
<b>Species reactivity</b>	Others
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB,ICC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	CAS2;CASL;HEF1;CAS-L;CASS2

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

### Background

The protein encoded by this gene is a member of the CRK-associated substrates family. Members of this family are adhesion docking molecules that mediate protein-protein interactions for signal transduction pathways. This protein is a focal adhesion protein that acts as a scaffold to regulate signaling complexes important in cell attachment, migration and invasion as well as apoptosis and the cell cycle. This protein has also been reported to have a role in cancer metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

### Recommended Dilution

WB: 1:500 - 1:2000

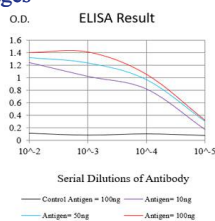
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

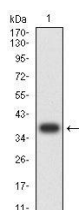
ELISA: 1:10000

Not yet tested in other applications.

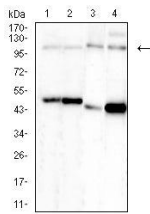
### Images



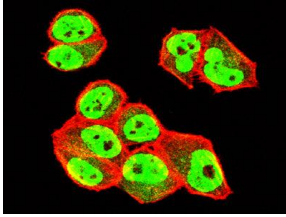
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



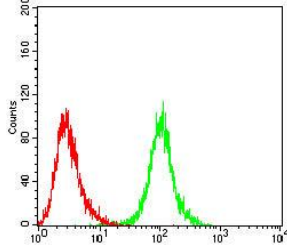
Western blot analysis using NEDD9 mAb against human NEDD9 (AA: 82-398) recombinant protein. (Expected MW is 37.3 kDa)



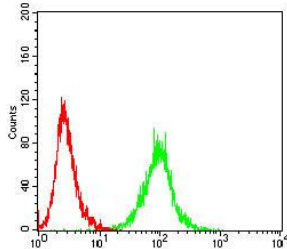
Western blot analysis using NEDD9 mouse mAb against MCF-7 (1), HeLa (2), C2C12 (3), and Hek293 (4) cell lysate.



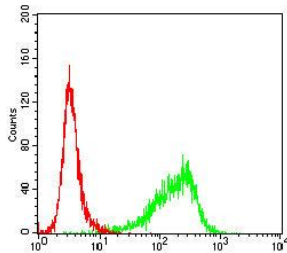
Immunofluorescence analysis of HeLa cells using NEDD9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HepG2 cells using NEDD9 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using NEDD9 mouse mAb (green) and negative control (red).



Flow cytometric analysis of K562 cells using NEDD9 mouse mAb (green) and negative control (red).

## Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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