Product Name: **NEDD9 Mouse Monoclonal Antibody**
Catalog #: **AMM82796**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	92.9kDa

Antigen Information

Gene Name	NEDD9
Alternative Names	CAS2; CASL; HEF1; CAS-L; CASS2
Gene ID	4739.0
SwissProt ID	Q14511
Immunogen	Purified recombinant fragment of human NEDD9 (AA: 82-398) expressed in E. Coli.

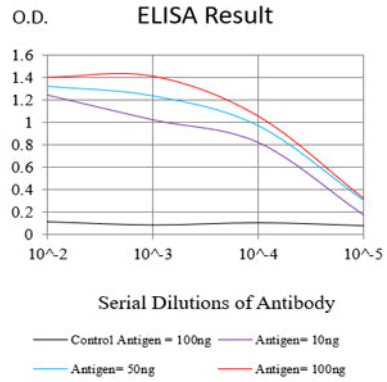
Background

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

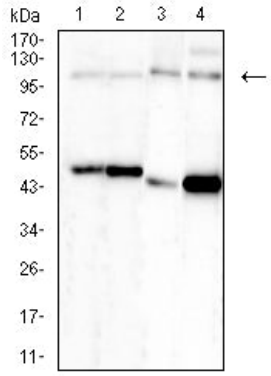
apoptosis and the cell cycle. This protein has also been reported to have a role in cancer metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Research Area

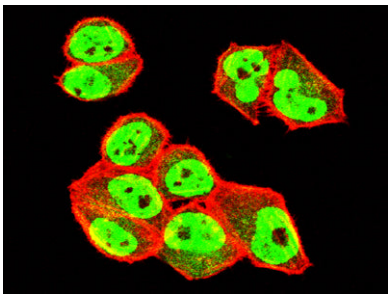
Image Data



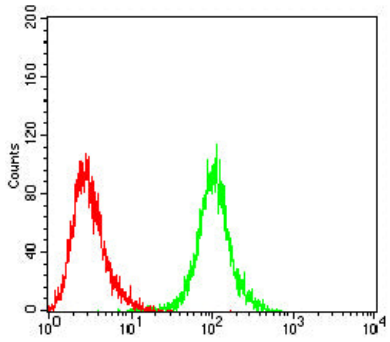
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



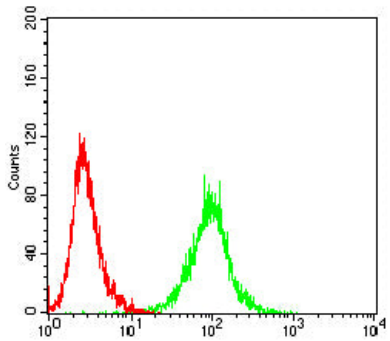
Western blot analysis using NEDD9 mouse mAb against MCF-7 (1), Hela (2), C2C12 (3),and Hek293 (4) cell lysate.



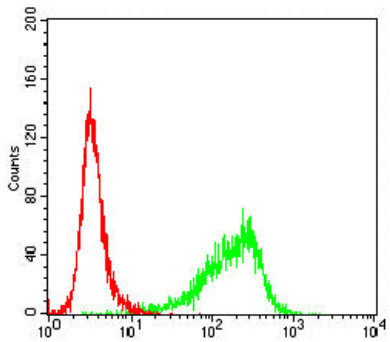
Immunofluorescence analysis of Hela cells using NEDD9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



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).