Product Name: **NCAM1 Mouse Monoclonal Antibody**
Catalog #: **AMM82458**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse, Monkey
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,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	94.6kDa

Antigen Information

Gene Name	NCAM1
Alternative Names	CD56; NCAM; MSK39
Gene ID	4684.0
SwissProt ID	P13591
Immunogen	Purified recombinant fragment of human NCAM1 (AA: extra(568-708)) expressed in E. Coli.

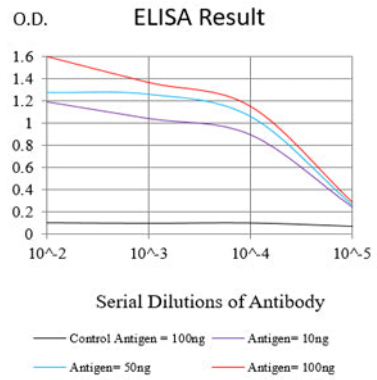
Background

This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells

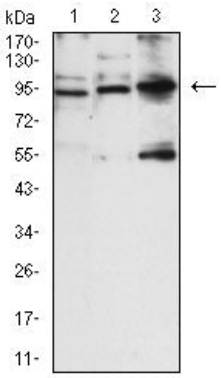
and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants.

Research Area

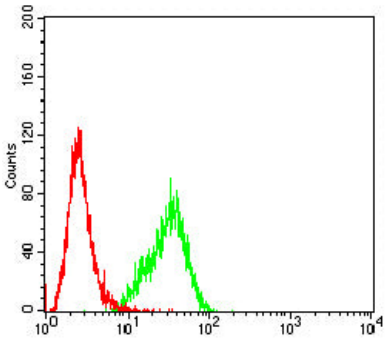
Image Data



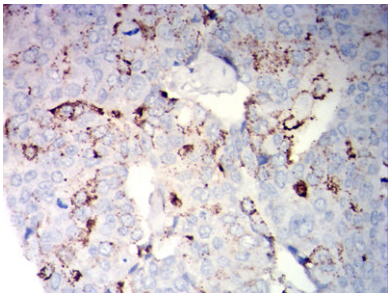
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



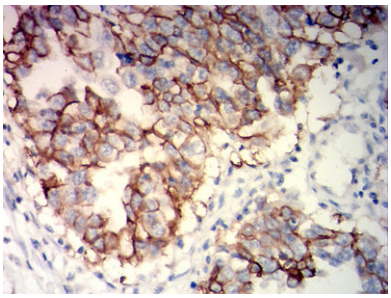
Western blot analysis using NCAM1 mouse mAb against SH-SY5Y (1), COS-7 (2), and NIH3T3 (3) cell lysate.



Flow cytometric analysis of Hela cells using NCAM1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using NCAM1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using NCAM1 mouse mAb with DAB staining.