

NCAM1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4342
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human NCAM1 (AA: extra(568-708)) expressed in E. Coli.
Mol wt	94.6kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CD56;NCAM;MSK39

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

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.

Recommended Dilution

WB: 1:500 - 1:2000

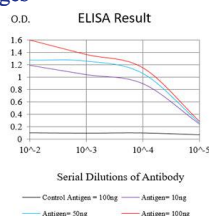
IHC-p: 1:200-1:1000

FCM: 1:200-1:400

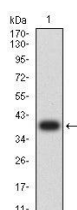
ELISA: 1:10000

Not yet tested in other applications.

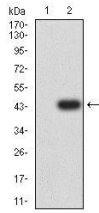
Images



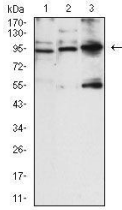
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



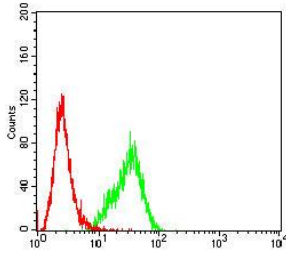
Western blot analysis using NCAM1 mAb against NCAM1 (AA: extra(568-708)) recombinant protein. (Expected MW is 40.1 kDa)



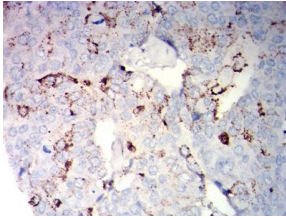
Western blot analysis using NCAM1 mAb against HEK293 (1) and NCAM1 (AA: extra(568-708))-hlgGFc transfected HEK293 (2) cell lysate.



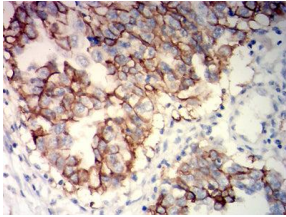
Western blot analysis using NCAM1 mouse mAb against SH-SY5Y (1), COS-7 (2), and NIH3T3 (3) cell lysate.



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



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



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

Storage

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

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