

NCAM1
Purified Mouse Monoclonal Antibody
Catalog # AO2553a**Specification**

NCAM1 - Product Information

Application	WB, IHC, ICC, E
Primary Accession	P13591
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Calculated MW	94.6kDa KDa

Immunogen

Purified recombinant fragment of human NCAM1 (AA: 568-708) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

NCAM1 - Additional Information

Gene ID 4684

Other Names

CD56; NCAM; MSK39

Dilution

WB~~ 1/500 - 1/2000

IHC~~1:100~500

ICC~~N/A

E~~ 1/10000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NCAM1 is for research use only and not for use in diagnostic or therapeutic procedures.

NCAM1 - Protein Information

Name NCAM1 ([HGNC:7656](#))

Synonyms NCAM

Function

This protein is a cell adhesion molecule involved in neuron- neuron adhesion, neurite fasciculation,

outgrowth of neurites, etc. (Microbial infection) Acts as a receptor for Zika virus.

Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Cell membrane; Lipid-anchor, GPI- anchor [Isoform 5]: Secreted.

NCAM1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NCAM1 - Images

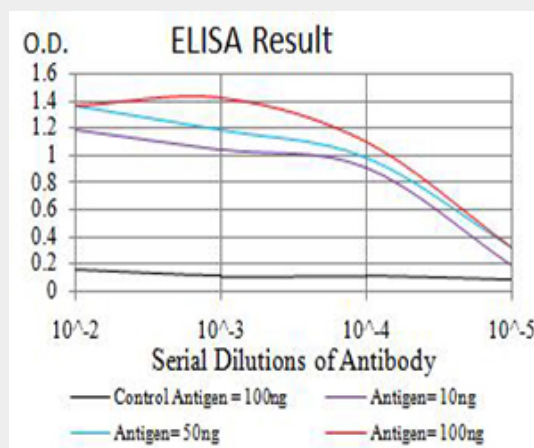


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

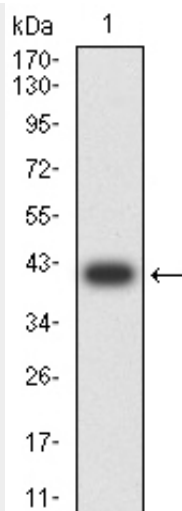


Figure 2: Western blot analysis using NCAM1 mAb against human NCAM1 (AA: 568-708) recombinant protein. (Expected MW is 40.1 kDa)

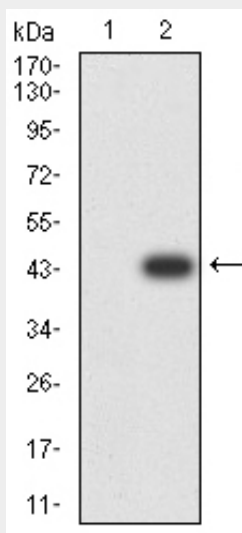


Figure 3: Western blot analysis using NCAM1 mAb against HEK293 (1) and NCAM1 (AA: 568-708)-hlgGfC transfected HEK293 (2) cell lysate.

NCAM1 - References

1. J Cancer Res Clin Oncol. 2015 Oct;141(10):1859-70. 2. Head Face Med. 2015 Feb 12;11:3.