

**NCAM1**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO2554a****Specification**

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**NCAM1 - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | <b>E, WB</b>           |
| Primary Accession | <a href="#">P13591</a> |
| Reactivity        | <b>Human, Mouse</b>    |
| Host              | <b>Mouse</b>           |
| Clonality         | <b>Monoclonal</b>      |
| Isotype           | <b>Mouse IgG1</b>      |
| Calculated MW     | <b>94.6kDa KDa</b>     |

**Immunogen**

Purified recombinant fragment of human \*\*\* (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**

E~~ 1/10000

WB~~ 1/500 - 1/2000

**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

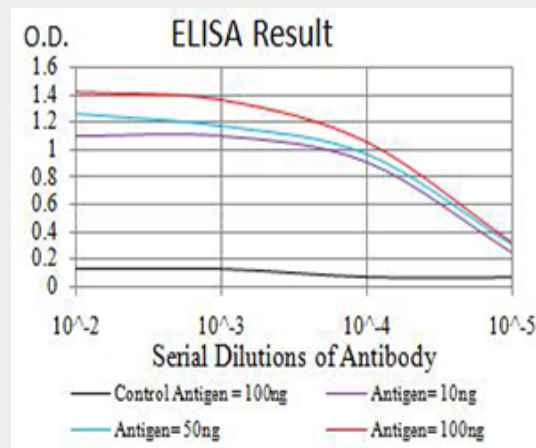


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

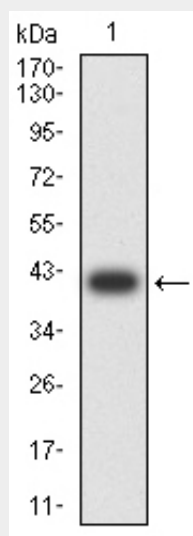


Figure 2:Western blot analysis using NCAM1 mAb against human NCAM1 (AA: 568-708) recombinant protein. (Expected MW is 40.1 kDa)

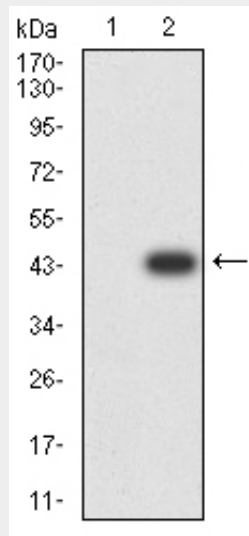


Figure 3:Western blot analysis using NCAM1 mAb against HEK293 (1) and NCAM1 (AA: 568-708)-hlgGfc transfected HEK293 (2) cell lysate.

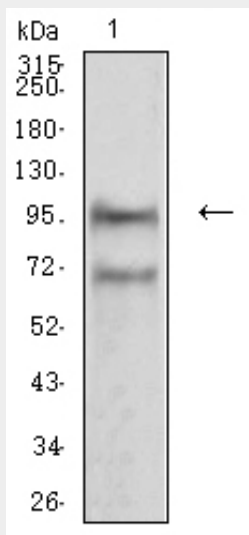


Figure 4:Western blot analysis using NCAM1 mouse mAb against NIH/3T3 (1) cell lysate.

**NCAM1 - References**

- 1.J Cancer Res Clin Oncol. 2015 Oct;141(10):1859-70.2.Head Face Med. 2015 Feb 12;11:3.