

NCAM / CD56 Antibody (clone 123C3)
Mouse Monoclonal Antibody
Catalog # ALS16518**Specification**

NCAM / CD56 Antibody (clone 123C3) - Product Information

| | |
|-------------------|------------------------|
| Application | IHC |
| Primary Accession | P13591 |
| Other Accession | 4684 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Calculated MW | 94574 |

NCAM / CD56 Antibody (clone 123C3) - Additional Information**Gene ID** 4684**Other Names**

NCAM1, CD56, CD56 antigen, MSK39, NCAM-1, N-CAM-1, NCAM

Target/Specificity

Recognizes an epitope in the NCAM exons 11-13 which is dependent on an intact conformation of the first fibronectin type-III homologous domain encoded by these exons. Stains NCAM which is present in small cell lung cancer and lung carcinoids. It also ...

Reconstitution & Storage

PBS containing 0.09% sodium azide. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

NCAM / CD56 Antibody (clone 123C3) is for research use only and not for use in diagnostic or therapeutic procedures.

NCAM / CD56 Antibody (clone 123C3) - 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

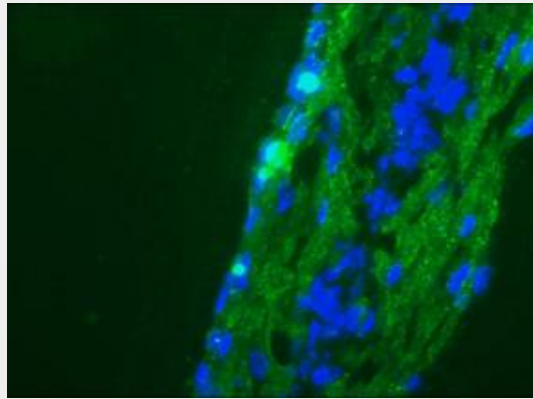
[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Cell membrane; Lipid-anchor, GPI- anchor [Isoform 5]: Secreted.

NCAM / CD56 Antibody (clone 123C3) - Protocols

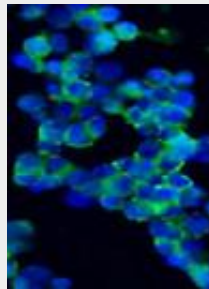
Provided below are standard protocols that you may find useful for product applications.

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

NCAM / CD56 Antibody (clone 123C3) - Images



Immunofluorescence staining of a 9 days old zebrafish embryo



Immunostaining of the neural cell adhesion molecule (NCAM) in small cell lung cancer cell line...

NCAM / CD56 Antibody (clone 123C3) - Background

This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.

NCAM / CD56 Antibody (clone 123C3) - References

- Barton C.H., et al. *Development* 104:165-173(1988).
Lanier L.L., et al. *J. Immunol.* 146:4421-4426(1991).
Saito S., et al. *Lung Cancer* 10:307-318(1994).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Totoki Y., et al. Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.