

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody
Mouse Monoclonal Antibody
Catalog # AH13409**Specification**

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody - Product Information

Application	IHC-P
Primary Accession	P13591
Other Accession	503878 , P13592
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG2a, kappa
Calculated MW	94574

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody - Additional Information**Gene ID** 4684**Other Names**

NCAM, Leu-19, NKH1, MSK39, NCAM120, NCAM140, NCAM180, Neural Cell Adhesion Molecule

Application Note

IHC-P~~N/A

Format

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody - 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;

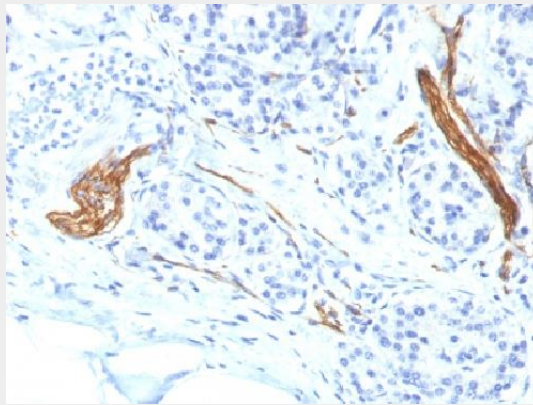
Lipid-anchor, GPI- anchor [Isoform 5]: Secreted.

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody - 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](#)

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody - Images



Formalin-fixed, paraffin-embedded human Pancreas stained with CD56 Monoclonal Antibody (NCAM1/1496)

Anti-CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Antibody - Background

This MAb reacts with an extracellular domain (close to transmembrane) of CD56/NCAM. Three isoforms of neural cell adhesion molecule (NCAM) are produced by differential splicing of the RNA transcript from a single gene. The 135kDa isoform is the basic molecule, which is glycosylated or sialylated to produce the mature species. Anti-CD56 recognizes two proteins of the neural cell adhesion molecule, the basic molecule expressed on most neuroectodermally derived tissues and neoplasms (e.g. retinoblastoma, medulloblastomas, astrocytomas, neuroblastomas, and small cell carcinomas). It is also expressed on some mesodermally derived tumors (rhabdomyosarcoma). Anti-CD56 plays an important role in the diagnosis of nodal and nasal NK/T-cell lymphomas.