10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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;

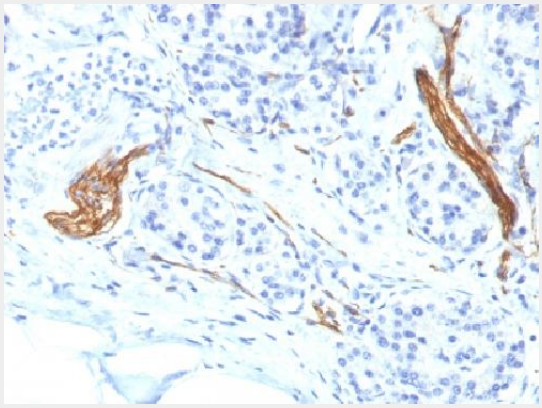
Lipid-anchor, GPI- anchor [Isoform 5]: Secreted.

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 Cytomety
- 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.