

Rabbit Anti-CD56/APC Conjugated antibody

SL0805R-APC

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|--------------------------------|--|
| Product Name | Rabbit Anti-CD56/APC Conjugated antibody |
| Chinese Name | APC 标记的神经 Cell adhesion molecule1 抗体 |
| Alias | CD56 antigen; Cell Adhesion Molecule Neural 1; MSK39; N CAM 120; N CAM 140; N CAM 180; NCAM 1; NCAM1; NCAM 120; NCAM 140; NCAM1; Neural cell adhesion molecule 1 120 kDa isoform; Neural cell adhesion molecule 1 140 kDa isoform; Neural cell adhesion molecule 1; NCAM1_HUMAN. |
| Research Area | Tumour Neurobiology Stem cells Cell adhesion molecule Cell type markers |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | Human,Mouse,Rat(predicted:Chicken,Dog,Pig,Cow,Horse,Rabbit,GuineaPig) Flow-Cyt=1:50-200 ICC=1:50-200 IF=1:50-200 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 92kDa |
| Form | Lyophilized or Liquid |
| Concentration immunogen | 1mg/ml KLH conjugated synthetic peptide derived from human CD56 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Storage | |
| Product Detail | background: This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and |

differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011]

Function:

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

Subcellular Location:

Isoform 1, 2,: Cell membrane; Single-pass type I membrane protein. Isoform 3, 4: Cell membrane; Lipid-anchor, GPI-anchor. Isoform 5, 6: Secreted.

Similarity:

Contains 2 fibronectin type-III domains.

Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

Database links:

[Entrez Gene: 4684](#) Human

[Entrez Gene: 17967](#) Mouse

[Entrez Gene: 24586](#) Rat

[Omim: 116930](#) Human

[SwissProt: P13591](#) Human

[SwissProt: P13595](#) Mouse

[SwissProt: P13596](#) Rat

[Unigene: 503878](#) Human

[Unigene: 711235](#) Human

[Unigene: 733031](#) Human

[Unigene: 439182](#) Mouse

[Unigene: 4974](#) Mouse

[Unigene: 11283](#) Rat



Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Neuron Maker

NCAM-1, short for Neural Cell Adhesion Molecule, is primarily distributed in neural tissues, neuromuscular junctions, neuro-endocrine glands, certain endocrine glands, and most cells, tissues, and tumors derived from the neural ectoderm. NCAM-1 is mainly used in research related to tumors such as retinoblastoma, medulloblastoma, astrocytoma, and neuroblastoma.