

Mouse anti-Human CD56 / NCAM1 / NKH1 Monoclonal Antibody | anti-NCAM1 antibody

CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62625	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

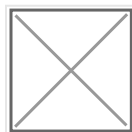
PRODUCT SYNONYMS

CD56 / NCAM1 / NKH1; Monoclonal Antibody; CD56 / NCAM1 / NKH1 (Neuronal Cell Marker) Mouse Monoclonal Antibody; NCAM; Leu-19; NKH1; MSK39; NCAM120; NCAM140; NCAM180; Neural Cell Adhesion Molecule; anti-NCAM1 antibody

PRODUCT SPECIFICATIONS

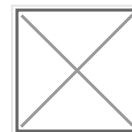
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	123C3.D5 + 123A8
Specificity	This MAb reacts with an extracellular domain (close to transmembrane) of CD56/NCAM. Three isoforms of neural cell adhesion molecule (NCAM) are produced by differential splicing of the RNA transcript 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 nodal and nasal NK/T-cell lymphomas.
Form/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.
Sequence Length	848
Applicable Applications for anti-NCAM1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cell Surface
Immunogen	Membrane preparation of a small cell lung carcinoma
Hu-Chromosome Location	11q23.1
Positive Control	Cerebellum, Pancreas, Neuroblastoma
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with CD56 Monoclonal Antibody (123C3.D5 + 123A8)



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Colon Ganglion stained with CD56 Monoclonal Antibody (123C3.D5 + 123A8)

ADDITIONAL INFORMATION

References	Schol DJ; et. al. Int J Cancer. Supplement, 1988, 2:34-40 Michalides R; et. al. International Journal of Cancer. Supplement, 1994, 8:34-7. Gerardy-Schahn R; et. al. Int Journal of Cancer. Supplement, 1994, 8:38-42
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94420689
NCBI GeneID	4684
NCBI Accession #	NP_000606.3
NCBI GenBank Nucleotide #	NM_000615.6
UniProt Accession #	P13591; P13592; P13593; Q05C58; Q15829; Q16180; Q16209; Q59FL7; Q86X47; Q96CJ3; A8K8T8
Molecular Weight	180; 145; 125kDa
NCBI Official Full Name	neural cell adhesion molecule 1 isoform 1
NCBI Official Synonym Full Names	neural cell adhesion molecule 1
NCBI Official Symbol	NCAM1
NCBI Official Synonym Symbols	CD56; NCAM; MSK39
NCBI Protein Information	neural cell adhesion molecule 1
UniProt Protein Name	Neural cell adhesion molecule 1
UniProt Gene Name	NCAM1
UniProt Synonym Gene Names	NCAM; N-CAM-1; NCAM-1
UniProt Entry Name	NCAM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd56-ncam1-nkh1-antibody-clone-123c3-d5-123a8-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62625>