

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

CD56/NCAM1/NKH1 (Neuronal Cell Marker)

CATALOG # AAA215099	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry
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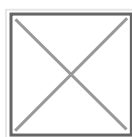
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

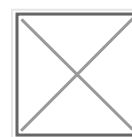
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	ERIC-1
Specificity	This MAb reacts with an extracellular domain (close to transmembrane) of CD56/NCAM. Three isoforms of neural cell adhesion molecule (NCAM) are produced by differential splicing of the RNA transcript 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.
Purity/Purification	1.0mg/mL of Purified Ab WITHOUT BSA and Azide.
Form/Format	1.0 mg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS
Sequence Length	858
Applicable Applications for anti-NCAM1 antibody	IHC (Immunohistochemistry)
Positive Control	Cerebellum, Pancreas, Neuroblastoma.
Immunogen	Recombinant human NCAM1 protein
Cellular Localization	Cell Surface
Hu-chromosome Location	11q23.1
Preparation and Storage	Antibody without azide: store at -20 to -80 degree C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified CD56 Mouse Monoclonal Antibody (ERIC-1). Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Colon stained with CD56 Mouse Monoclonal Antibody (ERIC-1).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Colon stained with CD56 Mouse Monoclonal Antibody (ERIC-1).

ADDITIONAL INFORMATION

References	Endo, C., et al. 2009. Acta Cytol. 53: 36-40.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205830665
NCBI GeneID	4684
UniProt Accession #	P13591; P13592
Molecular Weight	180, 145 and 125kDa
NCBI Official Full Name	Neural cell adhesion molecule 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-eric-1-immunohistochemistry-elisa/215099>