

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

anti- NCAM1/CD56 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA248007	Mouse	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

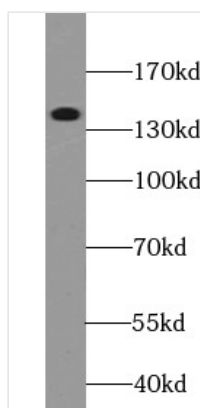
PRODUCT SYNONYMS

NCAM1/CD56; Monoclonal Antibody; anti- NCAM1/CD56 antibody; CD56; MSK39; N CAM 1; NCAM; NCAM 1; NCAM1; anti-NCAM1/CD56 antibody

PRODUCT SPECIFICATIONS

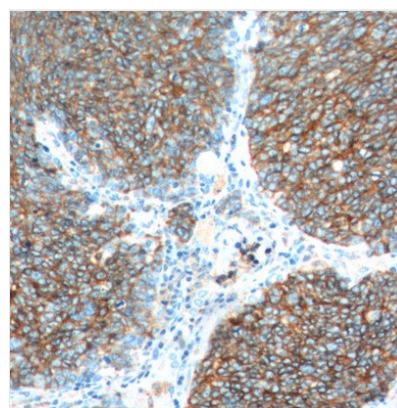
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Human, Mouse; other species are not tested. Please decide the specificity by homology
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid
Applicable Applications for anti-NCAM1/CD56 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Neural cell adhesion molecule 1
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 degree C for 24 months (Avoid repeated freeze/thaw cycles.)

IMAGES



WB (Western Blot)

fetal human brain tissue were subjected to SDS PAGE followed by western blot with AAA248007 (NCAM1 Antibody) at dilution of 1:4000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small cell lung carcinoma tissue slide using AAA248007 (NCAM1 Antibody) at dilution of 1:800 Heat mediated antigen retrieved with Tris-EDTA buffer (pH9) .

ADDITIONAL INFORMATION

Related Product Information for anti-NCAM1/CD56 antibody	Neural cell adhesion molecule 1 (NCAM1, also known as CD56) is a cell adhesion glycoprotein of the immunoglobulin (Ig) superfamily. It is a multifunction protein involved in synaptic plasticity, neurodevelopment, and neurogenesis. NCAM1 is expressed on human neurones, glial cells, skeletal muscle cells, NK cells and a subset of T cells, and the expression is observed in a wide variety human tumors, including myeloma, myeloid leukemia, neuroendocrine tumors, Wilms' tumor, neuroblastoma, and NK/T cell lymphomas. Three major isoforms of NCAM1, with molecular masses of 120, 140, and 180 kDa, are generated by alternative splicing of mRNA (PMID: 9696812). The glycosylphosphatidylinositol (GPI)-anchored NCAM120 and the transmembrane NCAM140 and NCAM180 consist of five Ig-like domains and two fibronectin-type III repeats (FNIII). All three forms can be posttranslationally modified by addition of polysialic acid (PSA) (PMID: 14976519). Several other isoforms have also been described (PMID: 1856291).
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P13591
Molecular Weight	140 kDa

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/ncam1-cd56-antibody-immunohistochemistry-western-blot-elisa/248007>