

Rabbit anti-Human NCAM/CD56 Polyclonal Antibody | anti-NCAM1 antibody

NCAM/CD56 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163169	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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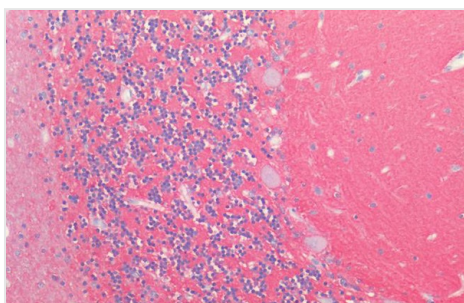
PRODUCT SYNONYMS

NCAM/CD56; Polyclonal Antibody; NCAM/CD56 Rabbit anti-Human Polyclonal Antibody; PathPlus NCAM/CD56 Antibody; NCAM1; CD56; CD56 antigen; MSK39; NCAM-1; N-CAM-1; NCAM; anti-NCAM1 antibody

PRODUCT SPECIFICATIONS

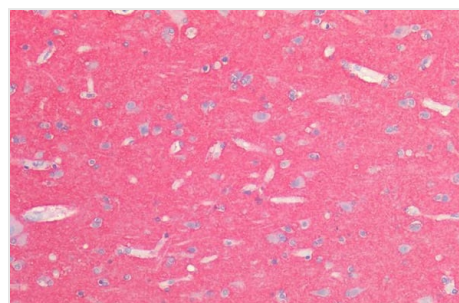
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NCAM1 antibody	IHC (Immunohistochemistry)
Target	Human NCAM/CD56
Immunogen	LP-12377, synthetic peptide
Conjugation	Unconjugated
Family	Immunoglobulin
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



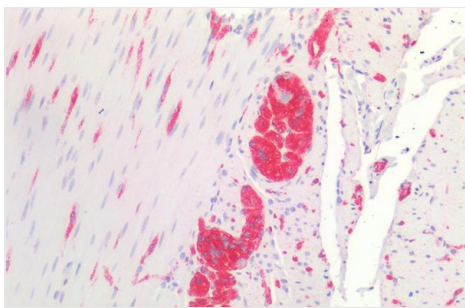
IHC (Immunohistochemistry)

NCAM/CD56 Antibody-Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

NCAM/CD56 Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
 NCAM/CD56 Antibody-Human Small Intestine, Ganglion: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-NCAM1 antibody	CD56 antibody is an unconjugated rabbit polyclonal antibody to CD56 (NCAM) from human. Validated for IHC. CD56 (NCAM1/neural cell adhesion molecule 1) is a member of the immunoglobulin superfamily involved in hemophilic and heterophilic interactions between neurons and neurons and muscle. It is marker of neural lineage and is also expressed in natural killer cells where its expression acts as a reliable marker of activation. It is also present on subsets of CD4+ and CD8+ T lymphocytes. Staining is expected to be primarily cytoplasmic. In normal tissues, it is highly expressed in the brain and nerves, in neuroendocrine tissues, in natural killer (NK) lymphocytes, and is used to identify NK lymphomas. CD56 is often considered the most specific and sensitive of small cell neuroendocrine markers in the lung, and is useful in identifying small cell cancers with crush artifacts.
References	Front Immunol 2017 8:892; Pruitt, 2011; Rekhtman, 2010; Kontogianni, 2005

NCBI AND UNIPROT INFORMATION

NCBI GI #	94420689
NCBI GeneID	4684
NCBI Accession #	NP_000606.3
NCBI GenBank Nucleotide #	NM_000615
UniProt Accession #	P13591; P13592; P13593; Q05C58; Q15829; Q16180; Q16209; Q59FL7; Q86X47; Q96CJ3; A8K8T8
Molecular Weight	40,760 Da
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; antigen recognized by monoclonal antibody 5.1H11; neural cell adhesion molecule, NCAM
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.