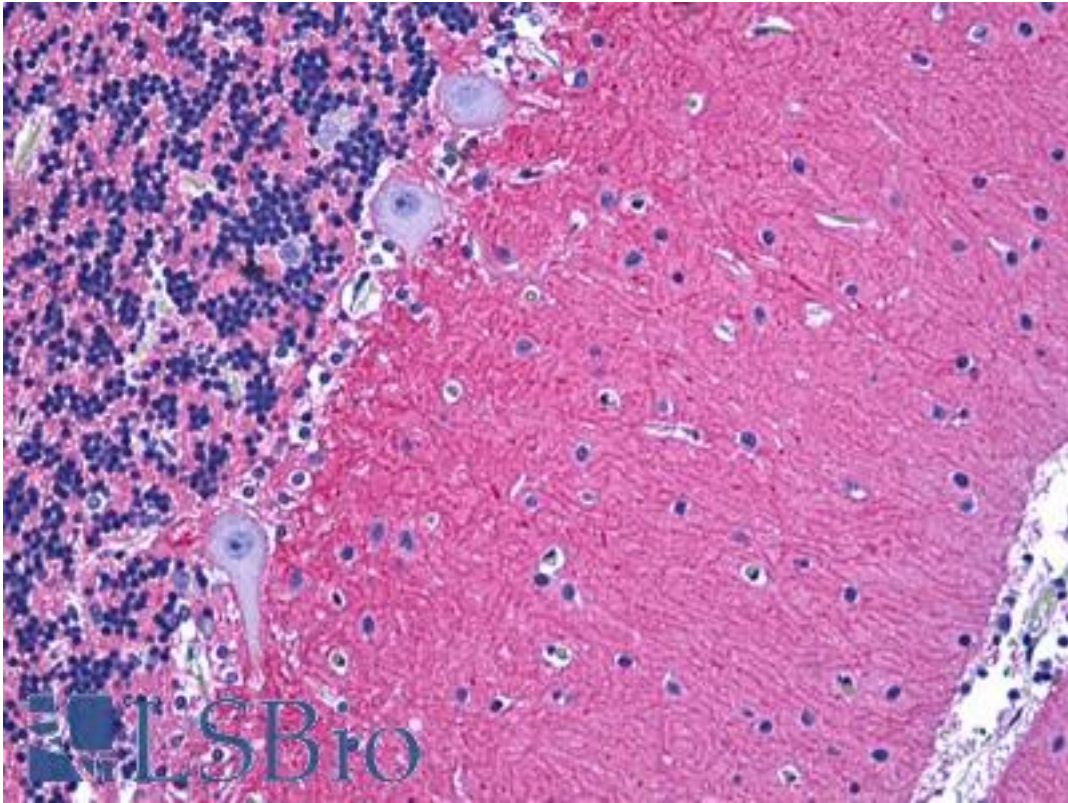


NCAM / CD56 Mouse anti-Human Monoclonal (123C3) Antibody - LS-B5569 - LSBio	
CatalogID:	LS-B5569
Validation:	This antibody replaces catalog number LS-C134862. It has been validated for use in the following assays: IHC-P.
Target:	neural cell adhesion molecule 1 (NCAM1)
Synonyms:	NCAM1 Antibody, CD56 Antibody, CD56 antigen Antibody, MSK39 Antibody, NCAM-1 Antibody, N-CAM-1 Antibody, NCAM Antibody
Family / Subfamily:	Immunoglobulin / not assigned-Immunoglobulin
Host	NCAM1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	123C3
Immunogen Species:	NCAM / CD56 antibody was raised against Human
Specificity:	<p>The antibody recognizes a transmembrane glycoprotein of 140 and 180 kD which has been identified as NCAM (Neural Cell Adhesion Module). It is involved in intercellular adhesion and play a role in outgrowth of neurites and the development of the nervous system. Several other isoforms have been identified which are expressed in a developmental and tissue specific pattern. Two major epitopes have been defined, NK1-nbl-1 (MON 9012) reacts with epitope 1 and 123C3 (MON 9006) reacts with epitope 2. At the international Workshop on SCLC antibodies 123C3 has been categorized as cluster 1 antibody (Stahel et al 1994). Most importantly, 123C3 can be used on routing formalin fixed paraffin section after retrieval. All cells in small cell carcinomas and carcinoids of the lung are strongly positive for 123C3. A minority of cases of other major types of lung carcinoma are sometimes positive as well: however this positivity is generally weak and focal. Adenoid cystic carcinomas of bronchial glands are strongly positive. Neuroblastoma's and Wilms tumors are usually also staining strongly positive. In non small lung cell carcinomas, 123C3 staining has been associated with more advanced stage and a decreased survival after surgery (Kibbelaar et al. 1991). Positive staining with other tumors, include medullary thyroid carcinomas and some ovarian tumors. NCAM (CD56) is a marker for natural killer: 123C3 can be used to distinguish NK cells from other hematopoietic cell populations. Although ...</p>
Reactivity:	Human
Purification:	Purified
Presentation:	PBS, 0.02% sodium azide, 0.1% BSA
Recommended Storage:	Store at 4°C.
Usage Summary:	Study of small cell carcinoma. Detection of CD56 positive lymphomas. For immunofluorescence and immunohistology dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10, formalin fixed paraffin sections should be pretreated in microwave or pressure cooker.
Uses:	IHC - Paraffin (1:100), IHC - Frozen, Immunofluorescence (Optimal dilution to be determined by the researcher)
Size:	50 µg

Concentration:

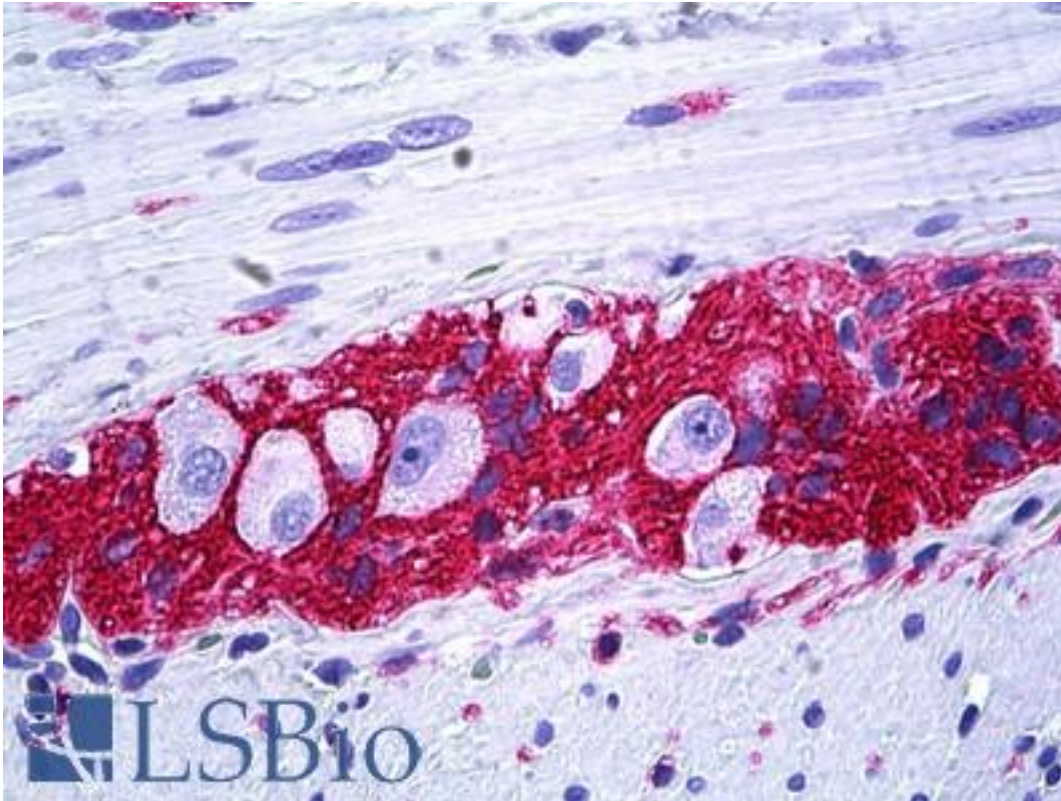
0.1 mg/ml

Immunohistochemistry Image:



Anti-CD56 antibody IHC of human brain cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5569 dilution 1:100.

Immunohistochemistry Image:



Anti-CD56 antibody IHC of human intestine, ganglion cells. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5569 dilution 1:100.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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