

# Product Datasheet

## NCAM-1/CD56 Antibody (123C3.D5 + 123A8) [Alexa Fluor® 488] NBP2-34519AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34519AF488**

NCAM-1/CD56 Antibody (123C3.D5 + 123A8) [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	123C3.D5 + 123A8
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa/IgG1 Kappa
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	4684
<b>Gene Symbol</b>	NCAM1
<b>Species</b>	Human
<b>Marker</b>	Neuronal Cell Marker
<b>Specificity/Sensitivity</b>	This monoclonal antibody 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 diagnosis of nodal and nasal NK/T-cell lymphomas.
<b>Immunogen</b>	Membrane preparation of a small cell lung carcinoma

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<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready

## Images

Product Image: NCAM-1/CD56 Antibody (123C3.D5 + 123A8) [Alexa Fluor® 488] [NBP2-34519AF488] - Vial of Alexa Fluor 488 conjugated antibody. Alexa Fluor 488 is optimally excited at 490 nm by the Blue laser (488 nm) and has an emission maximum of 525 nm.



Alexa Fluor® 488

LASER (nm)	FILTER
Blue (488)	525/50
EXCITATION MAX (nm)	EMISSION MAX (nm)
490	525



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### **Products Related to NBP2-34519AF488**

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NBP3-07122-50ug	Recombinant Human NCAM-1/CD56 His Protein
210-TA-005	TNF-alpha [Unconjugated]
DY2408	NCAM-1/CD56 [Biotin]
285-IF-100	IFN-gamma [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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