

Product Datasheet

NCAM-1/CD56 Antibody (123C3.D5) [Alexa Fluor® 700] NBP2-33132AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-33132AF700

NCAM-1/CD56 Antibody (123C3.D5) [Alexa Fluor® 700]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	123C3.D5
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 700
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	4684
Gene Symbol	NCAM1
Species	Human, Rat
Marker	Neuronal Cell Marker
Specificity/Sensitivity	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.
Immunogen	Membrane preparation of a small cell lung carcinoma

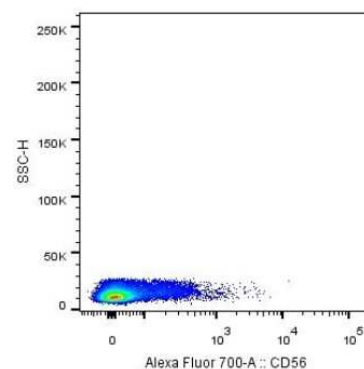


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Product Application Details	
Applications	Simple Western, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Cell Surface)

Images

Flow Cytometry: NCAM-1/CD56 Antibody (123C3 (same as 123C3.D5)) [Alexa Fluor (R) 700] [NBP2-33132AF700] - Analysis of CD56 in human PBMC using anti-CD56 antibody. The primary antibody was used at a dilution of 1:100, incubated for 25 min at 4C in 2% human serum, 0.5 mM EDTA in DPBS. Image from verified customer review.





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Products Related to NBP2-33132AF700

IC002N	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 700]
NBP3-07122-50ug	Recombinant Human NCAM-1/CD56 His Protein
210-TA-005	TNF-alpha [Unconjugated]
DY2408	NCAM-1/CD56 [Biotin]

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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