

# Product Datasheet

## NCAM-1/CD56 Antibody (123A8 (same as 56C04)) - IHC- Prediluted NBP2-44713

Unit Size: 7 ml

Store at 4C.

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Updated 10/23/2024 v.20.1

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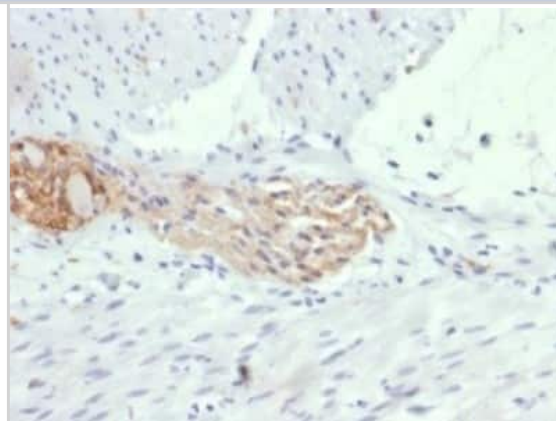
**NBP2-44713**

NCAM-1/CD56 Antibody (123A8 (same as 56C04)) - IHC-Prediluted

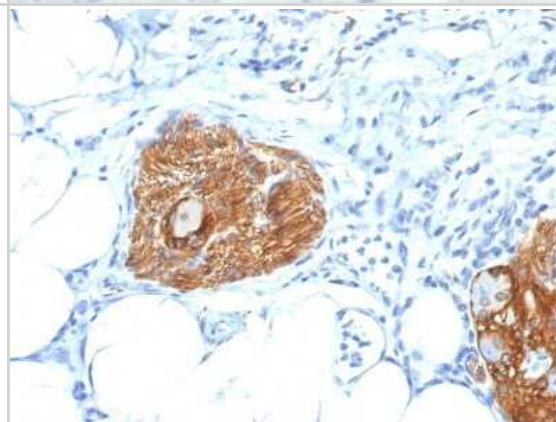
Product Information	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	123A8 (same as 56C04)
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
Product Description	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<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
Product Application Details	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin 1 - 2 ug/ml
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

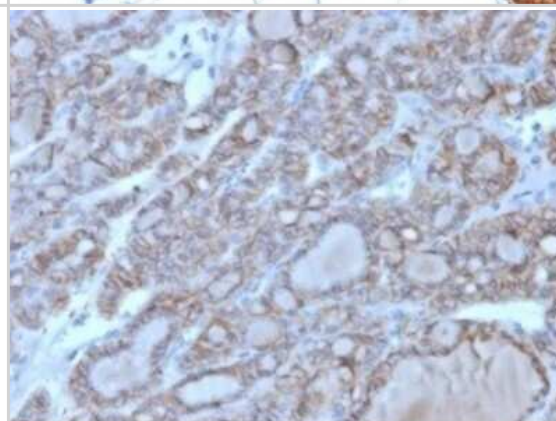
Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody (123A8 (same as 56C04)) - IHC-Prediluted [NBP2-44713] - Formalin-fixed, paraffin-embedded human colon stained with NCAM-1/CD56 Antibody (123A8 (same as 56C04)).



Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody (123A8 (same as 56C04)) - IHC-Prediluted [NBP2-44713] - Formalin-fixed, paraffin-embedded human Pancreas stained with NCAM-1/CD56 Antibody (123A8 (same as 56C04))



Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody (123A8 (same as 56C04)) - IHC-Prediluted [NBP2-44713] - Formalin-fixed, paraffin-embedded human thyroid stained with NCAM-1/CD56 Antibody (123A8 (same as 56C04)). HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP2-44713**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP3-07122-50ug	Recombinant Human NCAM-1/CD56 His Protein

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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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