

Product Datasheet

NCAM-1/CD56 Antibody

NBP2-34518-0.2 mg

Unit Size: 0.2 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

www.novusbio.com



support@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-34518

Updated 7/6/2014 v.20.1

NBP2-34518-0.2 mg

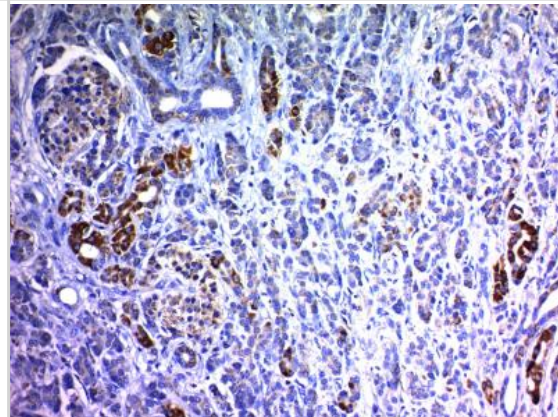
NCAM-1/CD56 Antibody (123A8) [Azide Free]

Product Information	
Unit Size	0.2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	123A8
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	Azide Free
Purity	Protein A purified
Buffer	10 mM PBS. Does not contain BSA.
Product Description	
Host	Mouse
Gene ID	4684
Gene Symbol	NCAM1
Species	Human
Specificity/Sensitivity	This MAb 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
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Immunocytochemistry/Immunofluorescence 1-2ug/ml, Western Blot 0.5-1ug/ml, Immunoprecipitation 1-2ug/500ug protein lysate, Immunohistochemistry-Frozen 0.5-1ug/ml, Immunohistochemistry-Paraffin 0.5-1ug/ml, ELISA 1-5ug/ml for coating
Application Notes	Immunohistochemistry (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)

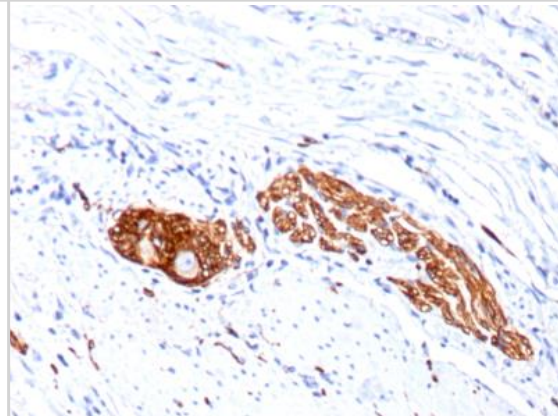


Images

Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody (123A8) [Azide Free] [NBP2-34518] - Formalin-paraffin human neuro-endocrine tumor stained with CD56 MAb (123A8)



Immunohistochemistry-Paraffin: NCAM-1/CD56 Antibody (123A8) [Azide Free] [NBP2-34518] - Formalin-paraffin human colon ganglion stained with CD56 MAb (123A8)





Novus Biologicals USA

8100 Southpark Way, A-8
Littleton, CO 80120
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

