

# Product Datasheet

## NCAM-1/CD56 Antibody (735) - Azide and BSA Free NBP2-52710-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-52710-0.2mg**

NCAM-1/CD56 Antibody (735) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	735
Preservative	0.02% Proclin 300
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse NCAM-1/CD56 Antibody (735) - Azide and BSA Free (NBP2-52710) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow and IP. Anti-NCAM-1/CD56 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4684
Gene Symbol	NCAM1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Recognises Polysialic acid (PSA), a carbohydrate polymer attached to the neural cell adhesion molecule (NCAM), which shares molecular epitopes with homopolymers of (alpha)2,8-linked sialic acid of Escherichia coli K1.
Immunogen	Homopolymers of alpha 2,8-linked sialic acid of Escherichia coli K1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Publications**

Muller-Miny L, Thiel K, Meinert S et al. Association of polysialic acid serum levels with schizophrenia spectrum and bipolar disorder-related structural brain changes and hospitalization Scientific reports 2023-02-06 [PMID: 36747002] (ELISA, Human)

Nagaraj, V, Theis, T Et al. Application of Antibodies to Neuronally Expressed Nogo-A Increases Neuronal Survival and Neurite Outgrowth. Int J Mol Sci 2020-07-30 [PMID: 32751444] (IF/IHC, Mouse)

Rivero O, Alhama-Riba J, Ku HP Et al. Haploinsufficiency of the Attention-Deficit/Hyperactivity Disorder Risk Gene St3gal3 in Mice Causes Alterations in Cognition and Expression of Genes Involved in Myelination and Sialylation Frontiers in genetics 2021-09-28 [PMID: 34650588] (WB, Mouse)





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### **Products Related to NBP2-52710-0.2mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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