

Product Datasheet

NCAM-1/CD56 Antibody (735) - Chimeric - Azide and BSA Free NBP2-52669-0.1mg

Unit Size: 0.1 mg

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

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NBP2-52669-0.1mg

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

Product Information	
Unit Size	0.1 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	IgG Kappa
Purity	Protein A purified
Buffer	PBS

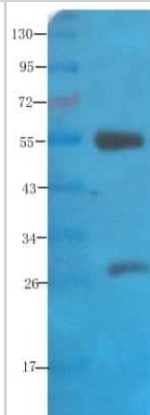
Product Description	
Description	Novus Biologicals Rabbit NCAM-1/CD56 Antibody (735) - Chimeric - Azide and BSA Free (NBP2-52669) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4684
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. This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2a format, for improved compatibility with existing reagents, assays and techniques. This antibody recognises an unusual postranslational modification on neural cell adhesion molecules important in synaptogenesis, oncogenesis (particularly small-cell lung cancer) and development of organs such as the kidney (studied in rats, Lackie et al. 1990). In addition to various studies on human cells, the antibody, has also been used the study the fine-composition of poly-sialic acid composition in mice (Galuska et al. 2006).

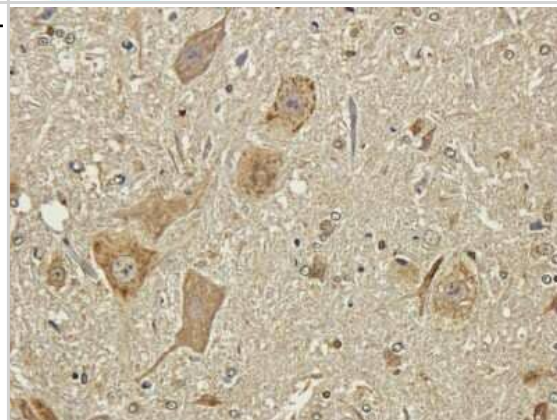


Images

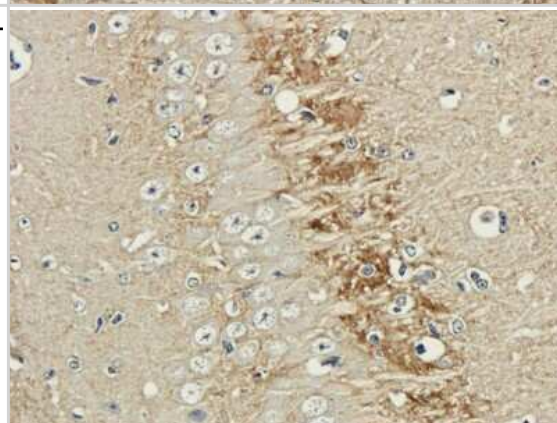
Western Blot: NCAM-1/CD56 Antibody (735) - Chimeric [NBP2-52669] - Rat brain lysate was resolved on a 10% SDS PAGE gel and blots probed with NBP2-52669 at 2 ug/ml before being detected by a secondary antibody.



Immunohistochemistry: NCAM-1/CD56 Antibody (735) - Chimeric [NBP2-52669] - Formalin fixed rat spinal chord slices were stained with a NBP2-52669 at 3 ug/ml.



Immunohistochemistry: NCAM-1/CD56 Antibody (735) - Chimeric [NBP2-52669] - Formalin fixed guinea pig brain slices were stained with a NBP2-52669 at 3 ug/ml.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

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.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-52669-0.1mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP3-07122-50ug	Recombinant Human NCAM-1/CD56 His Protein

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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