

Product Datasheet

mGluR1 Antibody - Azide Free

NB300-123

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-123

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB300-123



NB300-123

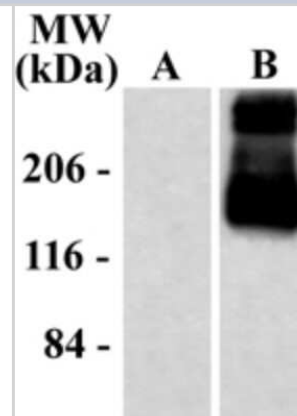
mGluR1 Antibody - Azide Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	125 kDa
Product Description	
Host	Rabbit
Gene ID	2911
Gene Symbol	GRM1
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~125 kDa monomer and the ~250 kDa mGluR1a dimer. Immunolabeling blocked by preadsorption of antibody with the peptide used to generate the antibody.
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH. Accession # P23385
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen 1:500
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 26924225).

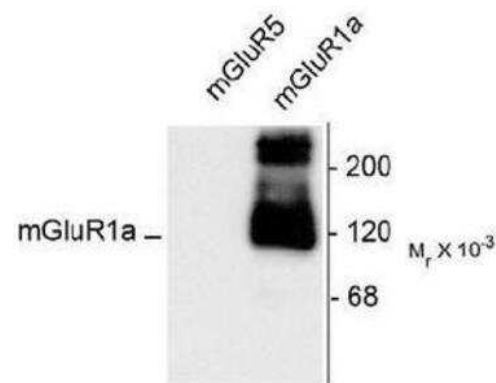


Images

Western Blot: mGluR1 Antibody [NB300-123] - 10 ug of HEK 293 cells expression. As shown in the autoradiograph, the mGluR1a antibody is specific for the ~125k monomer and the ~250k dimer of mGluR1a (Lane A). The mGluR1a antibody shows no reactivity towards mGluR5 (Lane B).



Western Blot: mGluR1 Antibody [NB300-123] - 10 ug of HEK 293 cells expressing mGluR1a and mGluR5 showing the specific immunolabeling of the ~125k monomer and the ~250k dimer of mGluR1a. The mGluR1a antibody shows no reactivity toward mGluR5.



Publications

Musante I, Mattinzoli D, Otescu LA et al. Phenotypic characterization of Grm1(crv4) mice reveals a functional role for the type 1 metabotropic glutamate receptor in bone mineralization Bone 2017-01-01 [PMID: 27989650]

Li M, Corbelli A, Watanabe S et al. Three-Dimensional Podocyte-Endothelial Cell Co-cultures: Assembly, Validation, and Application to Drug Testing and Intercellular Signaling Studies Eur J Pharm Sci 2016-02-23 [PMID: 26924225] (ICC/IF, WB, Mouse)



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 NB300-123

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-89736PEP	mGluR1 Recombinant Protein Antigen

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB300-123

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

