

Product Datasheet

Mouse IgG2a Isotype Control (M2A) [Biotin] NBP1-96889

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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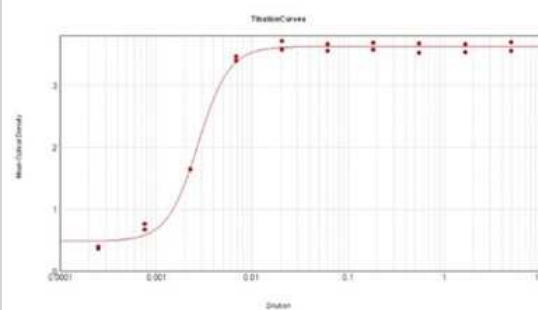
NBP1-96889

Mouse IgG2a Isotype Control (M2A) [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	M2A
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent).
Isotype	IgG2a
Conjugate	Biotin
Purity	Selective Precipitation
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This antibody has been prepared from in vitro cell culture by selective precipitation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG2a and anti-Mouse Serum. Isotyping assay resulted the material is non-reactive with antisera to mouse IgG1, IgG2b, IgG3, IgM, and IgA. Biotin Conjugated Mouse IgG2a was proven by Dot Blot.</p>
Host	Mouse
Species	Mouse
Specificity/Sensitivity	Isotyping assay resulted the material is non-reactive with antisera to mouse IgG1, IgG2b, IgG3, IgM, and IgA. Biotin Conjugated Mouse IgG2a was proven by Dot Blot.
Product Application Details	
Applications	ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1:1000 - 1:5000, ELISA, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000, Fluorophore-linked immunosorbent assay 1:100 - 1:2000
Application Notes	This product has been tested in ELISA and can be utilized as a control or standard reagent in Flow cytometry, Western Blotting, and ELISA experiments where determination of sample isotype is important.

Images

ELISA: Mouse IgG2a Isotype Control (M2A) [Biotin] [NBP1-96889] - ELISA Results of Mouse IgG2a isotype control (M2A) [Biotin]. Each well was coated in duplicate with 1.0 ug of Mouse IgG2a Isotype Control Biotin Conjugate. The working dilution is 364,000. The starting dilution of antibody was 5ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using Blocking buffer, Streptavidin-HRP conjugated and TMB substrate.





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

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F0129	Rat anti-Mouse IgG2a Secondary Antibody (344701) [Phycoerythrin]
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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