

Product Datasheet

Rabbit anti-Mouse IgG1 Heavy Chain Secondary Antibody [Biotin] NBP1-73698

Unit Size: 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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NBP1-73698**Rabbit anti-Mouse IgG1 Heavy Chain Secondary Antibody [Biotin]**

Product Information	
Unit Size	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	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
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

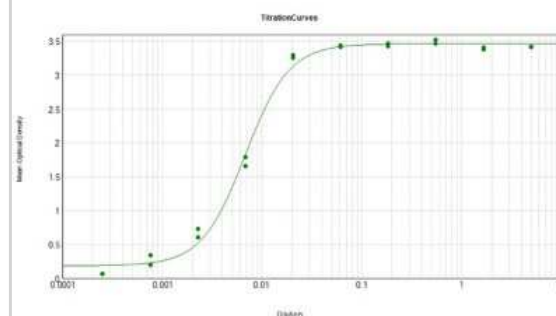
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum, Mouse IgG and Mouse Serum</p>
Host	Rabbit
Species	Mouse
Specificity/Sensitivity	Specificity was confirmed by ELISA. Typically, less than 1% cross-reactivity was observed against other Mouse heavy chain isotypes.
Immunogen	Mouse IgG1 heavy chain

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA 1:250000, Immunohistochemistry 1:500 - 1:3000, Immunohistochemistry-Paraffin 1:500 - 1:3000
Application Notes	This product is available in a variety of formats. Anti-Mouse IgG1 Biotin Antibody has been tested by ELISA and western blot and is suitable for ELISA, Immunohistochemistry western blotting as well as other anti IgG1 antibody based assays.



Images

ELISA: Rabbit anti-Mouse IgG1 Heavy Chain Secondary Antibody [Biotin] [NBP1-73698] - ELISA Results of Rabbit anti-Mouse IgG1 Heavy Chain Heavy Chain Secondary antibody [Biotin] tested against purified Mouse IgG1 Heavy Chain Biotin. Each well was coated in duplicate with 1.0 ug of Mouse IgG1 Heavy Chain. The working dilution is 1:146,000. 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 HRP Conjugate Stabilizer, Streptavidin-HRP conjugated and TMB substrate.



Publications

Strait Rt, Posgai Mt, Mahler A et al. IgG1 protects against renal disease in a mouse model of cryoglobulinaemia. Nature. [PMID: 25363774] (IHC-P)

Details:

Citation using the Biotin form of this antibody.



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

Limitations

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

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