Product Datasheet

Sheep anti-Mouse IgG2a Secondary Antibody [Biotin]
NBP2-69570

Unit Size: 1 ml

Store at 4C in the dark.

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Sheep anti-Mouse IgG2a Secondary Antibody [Biotin]

Product Information

Unit Size	1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute by by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20C.
Conjugate	Biotin
Purity	Ion exchange chromatography
Buffer	Lyophilized from PBS (pH 7.2)

Product Description

Description	The lyophilized immunoconjugate is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product.
Host	Sheep
Species	Mouse
Reactivity Notes	The antiserum does not cross-react with any other component of the Mouse Ig system. Inter-species crossreactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail; expected chance of cross-reactivity will be small.
Specificity/Sensitivity	The reactivity of the antiserum is restricted to the Fc portion of the IgG2a molecule. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against mouse serum of the allelic type Igh-1b, including C57Bl and SJL/J, a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG2a(1b). No precipitation reaction is obtained with purified IgG2a(1a) (Balb/C, CBA, AKR and NZB), other IgG subclasses, IgA, IgG/Fab fragments or other serum proteins.
Immunogen	Highly purified normal homogenous IgG2a(1b) isolated from mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product Application Details

Applications	Western Blot, Dot Blot, ELISA, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin, Immunoblotting 1:100 - 1:2000, Dot Blot 1:100-1:2000

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 NBP2-69570

MAB006	Rat IgG2a Isotype Control (54447) [Unconjugated]

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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