

Product Datasheet

Rabbit anti-Mouse IgG2 Secondary Antibody [FITC] NBP2-69554

Unit Size: 10 mg

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-69554

Updated 11/2/2024 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/NBP2-69554



NBP2-69554**Rabbit anti-Mouse IgG2 Secondary Antibody [FITC]**

Product Information	
Unit Size	10 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute 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	FITC
Purity	Ion exchange chromatography
Buffer	Lyophilized from PBS (pH 7.2)

Product Description	
Description	The lyophilized conjugate 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 immunoconjugate.
Host	Rabbit
Gene ID	3501
Gene Symbol	IGHG2
Species	Mouse
Reactivity Notes	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this product has not been tested in detail.
Specificity/Sensitivity	The reactivity of the antiserum is directed to the subclasses IgG2a and IgG2b as tested against mouse sera and a panel of purified homogenous immunoglobulins. It does not react with other subclasses of IgG, IgG/Fab fragments, IgM and IgA or any non-Ig protein in mouse serum, as tested by immunoelectrophoresis and double radial immunodiffusion. Further tested on the level of sensitivity of direct and indirect immunofluorescence staining methods applied to lymphoid cells. When used on vital peripheral blood cells this immunoconjugate does not react with Fc receptors present on cell surface membranes.
Immunogen	P Pools of purified homogenous IgG2a and IgG2b isolated from mouse serum of strains belonging to the allelic types Igh-1a and Igh-1b. Freund's complete adjuvant is used in the first step of the immunization procedure

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Recommended Dilutions	ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Frozen
Application Notes	(In)direct immunofluorescence



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.

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/NBP2-69554

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

