

# Product Datasheet

## Rat anti-Mouse IgG1 Secondary Antibody (LO-MG1-2) [Biotin] NBP1-42394

Unit Size: 0.2 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-42394](http://www.novusbio.com/NBP1-42394)

Updated 2/5/2017 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-42394](http://www.novusbio.com/reviews/destination/NBP1-42394)



**NBP1-42394****Rat anti-Mouse IgG1 Secondary Antibody (LO-MG1-2) [Biotin]**

<b>Product Information</b>	
<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	LO-MG1-2
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Biotin
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS containing 50% glycerol

<b>Product Description</b>	
<b>Host</b>	Rat
<b>Species</b>	Mouse
<b>Reactivity Notes</b>	Mouse
<b>Specificity/Sensitivity</b>	Mouse gamma 1 heavy chain of immunoglobulin (determined by immunodot). No cross reactivity with other animals.
<b>Immunogen</b>	The antibody reacts with the Mouse IgG1 antigen.

<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Application Notes</b>	Useful as a second antibody in immunoassays, such as ELISA's (good binding on plastic), immunohistochemistry on frozen sections and for affinity chromatography of murine IgG1. The specificity of monoclonal antibody anti-IgG subclasses is determined in a range of optimal concentrations. Increasing of the first or second antibody at a high level can induce cross-reactions with other IgG subclasses.





### **Novus Biologicals USA**

8100 Southpark Way, A-8  
Littleton, CO 80120  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Novus Biologicals Canada**

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### **Novus Biologicals Europe**

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@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-42394](http://www.novusbio.com/reviews/submit/NBP1-42394)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

