

# Product Datasheet

## Sheep anti-Guinea Pig IgG Fc Secondary Antibody [FITC] NBP2-69480

Unit Size: 1 ml

Store at 4C in the dark.

[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/NBP2-69480](http://www.novusbio.com/NBP2-69480)

Updated 11/2/2024 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/NBP2-69480](http://www.novusbio.com/reviews/destination/NBP2-69480)



**NBP2-69480****Sheep anti-Guinea Pig IgG Fc Secondary Antibody [FITC]**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Conjugate</b>	FITC
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	Lyophilized from PBS (pH 7.2)
<b>Product Description</b>	
<b>Description</b>	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.
<b>Host</b>	Sheep
<b>Species</b>	Guinea Pig
<b>Reactivity Notes</b>	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since IgG of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.
<b>Specificity/Sensitivity</b>	The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule. In immunoelectrophoresis and double radial immunodiffusion, using various antiserum concentrations against normal guinea pig plasma and serum, a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG. No reaction is obtained with purified IgA, IgM and IgG/Fab fragments.
<b>Immunogen</b>	Purified normal IgG isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500
<b>Application Notes</b>	(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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-69480](http://www.novusbio.com/reviews/submit/NBP2-69480)

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

