

# Product Datasheet

## Protein G Antibody [Biotin] NB120-7251

Unit Size: 2 mg

Store at -20C in the dark. Avoid freeze-thaw cycles.

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**NB120-7251**

Protein G Antibody [Biotin]

| Product Information |  |
|---------------------|--|
| Unit Size           | 2 mg   |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage             | Store at -20C in the dark. Avoid freeze-thaw cycles.   |
| Clonality           | Polyclonal   |
| Preservative        | 0.01% Sodium Azide   |
| Isotype             | IgG  |
| Conjugate           | Biotin   |
| Purity              | Multi-step   |
| Buffer              | 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             | This antibody is purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.  |
| Host                    | Rabbit   |
| Species                 | Bacteria   |
| Reactivity Notes        | Reactive with Protein G from Streptococcus spp. No cross reactivity occurs against Protein A   |
| Specificity/Sensitivity | Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Protein G. No cross reactivity occurs against Protein A.   |
| Immunogen               | Protein G [Streptococcus species]  |
| Notes                   | <p>This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified Protein G [Streptococcus species]</p> <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> |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | ELISA  |
| Recommended Dilutions       | ELISA 1:90000-1:350000   |
| Application Notes           | This product has been assayed against 1.0 ug of Protein G in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:90,000 to 1:350,000 of the reconstitution concentration is suggested for this product. |





### **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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Limitations**

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

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