

# Product Datasheet

## Goat F(ab')<sub>2</sub> anti-Human IgG Fc Secondary Antibody [Alkaline Phosphatase] (Pre-adsorbed) NBP1-75457

Unit Size: 0.5 mg

Store at 4C. After dilution, add an equal volume of glycerol to prevent loss of enzymatic activity and store at -20C. Avoid repeated freeze-thaw cycles.

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**NBP1-75457**Goat F(ab')<sub>2</sub> anti-Human IgG Fc Secondary Antibody [Alkaline Phosphatase] (Pre-adsorbed)

| Product Information |                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.5 mg                                                                                                                                                   |
| Concentration       | 1.5 mg/ml                                                                                                                                                |
| Storage             | Store at 4C. After dilution, add an equal volume of glycerol to prevent loss of enzymatic activity and store at -20C. Avoid repeated freeze-thaw cycles. |
| Clonality           | Polyclonal                                                                                                                                               |
| Preservative        | 0.05% Sodium Azide                                                                                                                                       |
| Isotype             | IgG                                                                                                                                                      |
| Conjugate           | Alkaline Phosphatase                                                                                                                                     |
| Purity              | Affinity purified                                                                                                                                        |
| Buffer              | 30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride, 1 % (w/v) BSA, Protease/IgG free                                           |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | <p>Purity &gt; 90% based on SDS-PAGE Small amounts of intact IgG may be present. . Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.</p> <p>Store undiluted liquid at 2-8C. For storage at -20C, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. Prepare working dilutions prior to use and then discard.</p> |
| Host                    | Goat                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity Notes        | Based on IEP, no reactivity is observed to non-immunoglobulin human serum immunoglobulins, light chains on all human immunoglobulins, human IgG F(ab') <sub>2</sub> fragment, and serum proteins from bovine, horse, mouse, or rabbit                                                                                                                                                                 |
| Specificity/Sensitivity | Based on IEP, this antibody reacts with heavy gamma chains on human IgG. This antibody has been pre-adsorbed against bovine, horse, mouse and rabbit serum proteins.                                                                                                                                                                                                                                  |
| Immunogen               | Purified Human IgG, Fc fragment                                                                                                                                                                                                                                                                                                                                                                       |

| Product Application Details |                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin                                        |
| Recommended Dilutions       | Western Blot 1:200-1:5000, ELISA 1:200-1:5000, Immunohistochemistry 1:500-1:5000, Immunohistochemistry-Paraffin |
| Application Notes           | This conjugate is suitable for all immunoassay applications.                                                    |





### **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 NBP1-75457**

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### **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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