

# Product Datasheet

## Goat anti-Bovine IgG (H+L) Secondary Antibody [Alkaline Phosphatase] NBP1-74755

Unit Size: 1 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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**NBP1-74755**

Goat anti-Bovine IgG (H+L) Secondary Antibody [Alkaline Phosphatase]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 1 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; 95% based on SDS-PAGE. 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                     | Bovine                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity Notes            | Based on IEP, no reactivity is observed to non-immunoglobulin bovine serum immunoglobulins                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | Based on IEP, this Goat anti-Bovine IgG (H+L) Secondary Antibody [Alkaline Phosphatase] reacts with heavy gamma chains on bovine IgG and light chains on all bovine immunoglobulins.                                                                                                                                                                     |
| Immunogen                   | This Goat anti-Bovine IgG (H+L) Secondary Antibody [Alkaline Phosphatase] was developed against purified bovine IgG (H&L).                                                                                                                                                                                                                               |
| 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.                                                                                                                                                                                                                                                                                             |





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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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