

# Product Datasheet

## Sheep anti-Human IgG (H+L) Secondary Antibody [Biotin] NB120-6869

Unit Size: 1 mg

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

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**NB120-6869**

Sheep anti-Human IgG (H+L) Secondary Antibody [Biotin]

| Product Information |                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 1 mg                                                                                                                            |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services.                                     |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                          |
| Clonality           | Polyclonal                                                                                                                      |
| Preservative        | 0.01% Sodium Azide                                                                                                              |
| Isotype             | IgG                                                                                                                             |
| Conjugate           | Biotin                                                                                                                          |
| Purity              | Multi-step                                                                                                                      |
| Buffer              | 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |

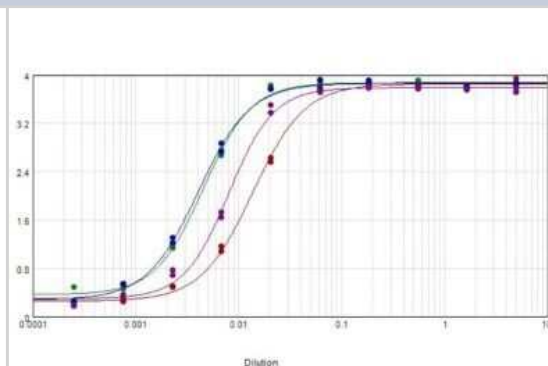
| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | <p>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</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Sheep Serum, Human IgG and Human Serum.</p> |
| Host                | Sheep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen           | Human IgG whole molecule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                |
| Recommended Dilutions       | Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000                                                                                                                                                                                                                                                                                            |
| Application Notes           | This product has been tested by ELISA and is assayed against 1.0 ug of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:21,000 to 1:144,000 of the reconstitution concentration is suggested for this product. |



## Images

ELISA: Sheep anti-Human IgG (H+L) Secondary Antibody [Biotin] [NB120-6869] - ELISA results of purified Sheep anti-Human IgG (H+L) Secondary Antibody [Biotin] tested against purified Human IgG. Each well was coated in duplicate with 1.0 ug of human IgG (green line). The starting dilution of antibody was 5ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using blocking buffer, Streptavidin HRP conjugate 1:10000 and TMB substrate.





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### **Products Related to NB120-6869**

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|            |                             |
|------------|-----------------------------|
| NBP2-29370 | Streptavidin Native Protein |
|------------|-----------------------------|

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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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