

# Product Datasheet

## Rabbit anti-Sheep IgG F(ab')<sub>2</sub> Secondary Antibody [HRP] NBP1-73551

Unit Size: 1.5 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NBP1-73551****Rabbit anti-Sheep IgG F(ab')<sub>2</sub> Secondary Antibody [HRP]**

| <b>Product Information</b>         |                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 1.5 mg                                                                                                                                           |
| <b>Concentration</b>               | LYOPH mg/ml                                                                                                                                      |
| <b>Storage</b>                     | Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.                          |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                       |
| <b>Preservative</b>                | 0.01% Gentamicin Sulfate                                                                                                                         |
| <b>Reconstitution Instructions</b> | Reconstitute with 1.0 ml deionized water (or equivalent).                                                                                        |
| <b>Isotype</b>                     | IgG                                                                                                                                              |
| <b>Conjugate</b>                   | HRP                                                                                                                                              |
| <b>Purity</b>                      | Immunogen affinity purified                                                                                                                      |
| <b>Buffer</b>                      | Lyophilized from 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | <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> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Sheep IgG, Sheep IgG F(ab')<sub>2</sub> and Sheep Serum</p> |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>                 | Sheep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Specificity/Sensitivity</b> | No reaction was observed against Sheep IgG F(c).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>               | Sheep IgG F(ab') <sub>2</sub> fragment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                    |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000 - 1:10000, ELISA 1:10000 - 1:50000, Immunohistochemistry 1:500 - 1:2500                                                                                                                                                                                                                                                                                                  |
| <b>Application Notes</b>           | <p>This product has been assayed against 1.0 ug of Sheep IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product. NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p> |



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### **Products Related to NBP1-73551**

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|------------|---------------------------------------------------------|

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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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