

# Product Datasheet

## Goat anti-Human IgG Fc Secondary Antibody [Rhodamine] (Pre-adsorbed) NBP1-73304

Unit Size: 1 mg

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

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**NBP1-73304**

Goat anti-Human IgG Fc Secondary Antibody [Rhodamine] (Pre-adsorbed)

| Product Information         |                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 1 mg                                                                                                                                                |
| Concentration               | LYOPH mg/ml                                                                                                                                         |
| Storage                     | Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.                             |
| Clonality                   | Polyclonal                                                                                                                                          |
| Preservative                | 0.01% Sodium Azide                                                                                                                                  |
| Reconstitution Instructions | Reconstitute with 1.0 ml deionized water (or equivalent).                                                                                           |
| Isotype                     | IgG                                                                                                                                                 |
| Conjugate                   | Rhodamine                                                                                                                                           |
| Purity                      | Multi-step                                                                                                                                          |
| Buffer                      | Lyophilized from 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             | <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 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-Goat Serum, Human IgG, Human IgG F(c) and Human Serum</p> |
| Host                    | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity | No reaction was observed against Human IgG F(ab) or Mouse Serum Proteins. Specificity was confirmed by ELISA minimal cross reactivity against Mouse IgG.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen               | Human IgG F(c) fragment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Product Application Details |                                                                                                                                                                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Dot Blot, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                   |
| Recommended Dilutions       | Flow Cytometry 1:500 - 1:2500, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000, Dot Blot, Fluorophore-linked immunosorbent assay 1:10000 - 1:50000                                                                                                                                                  |
| Application Notes           | This product has been tested by Dot Blot. This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. |



## Images

Dot Blot: Goat anti-Human IgG Fc Secondary Antibody [Rhodamine] (Pre-adsorbed) [NBP1-73304] - Load: Lane 1 - 100 ng Lane 2 - 33.3 ng Lane 3 - 11.1 ng Lane 4 - 3.70 ng Lane 5 - 1.23 ng. Primary antibody: n/a. Secondary antibody: Goat anti-Human IgG Fc Antibody Rhodamine Conjugated at 1:1,000 for 60 min at RT. Blocked with blocking buffer for 60 min at RT.



Dot Blot of Goat anti-Human IgG Fc Antibody Rhodamine Conjugated. Antigen: Human IgG. Load: Lane 1 - 100 ng Lane 2 - 33.3 ng Lane 3 - 11.1 ng Lane 4 - 3.70 ng Lane 5 - 1.23 ng. Primary antibody: n/a. Secondary antibody: Goat anti-Goat anti-Human IgG Fc Secondary Antibody [Rhodamine] (Pre-adsorbed) at 1:1,000 for 60 min at RT. Block for 1 HR at RT.





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### **Products Related to NBP1-73304**

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|            |                              |
|------------|------------------------------|
| NBP1-96784 | Mouse IgG Fc Isotype Control |
|------------|------------------------------|

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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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