

# Product Datasheet

## Mouse IgG1 Isotype Control (MG1) [Rhodamine] NBP1-96853

Unit Size: 0.1 ml

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

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**NBP1-96853****Mouse IgG1 Isotype Control (MG1) [Rhodamine]**

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 ml  |
| <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>                   | Monoclonal  |
| <b>Clone</b>                       | MG1   |
| <b>Preservative</b>                | 0.01% Sodium Azide  |
| <b>Reconstitution Instructions</b> | Reconstitute with 100 ul deionized water (or equivalent).   |
| <b>Isotype</b>                     | IgG1  |
| <b>Conjugate</b>                   | Rhodamine   |
| <b>Purity</b>                      | Multi-step  |
| <b>Buffer</b>                      | 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 |

| <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 normal serum by delipidation, salt fractionation, ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG1 and anti-Mouse Serum. Isotyping assay resulted the material is non-reactive with antisera to mouse IgG2a, IgG2b, IgG3, IgM, and IgA. Rhodamine Conjugated Mouse IgG1 was proven by Dot Blot.</p> |
| <b>Host</b>                    | Mouse  |
| <b>Species</b>                 | Mouse  |
| <b>Specificity/Sensitivity</b> | Isotyping assay resulted the material is non-reactive with antisera to mouse IgG2a, IgG2b, IgG3, IgM, and IgA. Rhodamine Conjugated Mouse IgG1 was proven by Dot Blot.   |

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence  |
| <b>Recommended Dilutions</b>       | Western Blot 1:100 - 1:2000, Flow Cytometry 1:1000 - 1:5000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Fluorophore-linked immunosorbent assay 1:100 - 1:2000                  |
| <b>Application Notes</b>           | This isotype control can be utilized as a control or standard reagent in Flow cytometry, Immunofluorescence, FLISA, Western Blotting, and ELISA experiments where determination of sample isotype is important. |



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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