

# Product Datasheet

## Mouse IgG F(ab)2 Isotype Control [Biotin] NBP1-97198

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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Updated 10/23/2024 v.20.1

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**NBP1-97198**Mouse IgG F(ab)<sub>2</sub> Isotype Control [Biotin]

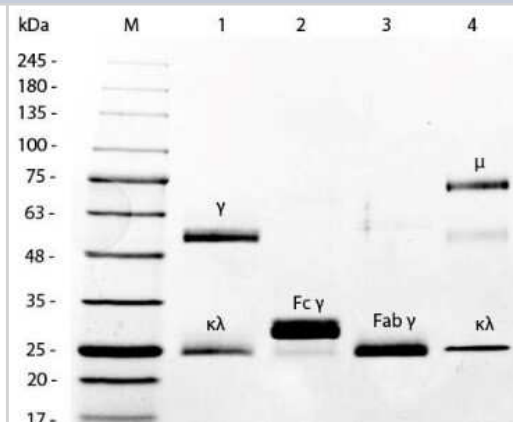
| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 1 mg  |
| Concentration               | LYOPH mg/ml   |
| Storage                     | Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.                             |
| Preservative                | 0.01% Sodium Azide  |
| Reconstitution Instructions | Reconstitute with 1.0 ml deionized water (or equivalent).   |
| Isotype                     | IgG   |
| Conjugate                   | Biotin  |
| 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 normal serum delipidation, salt fractionation, ion exchange chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Mouse IgG, anti-Mouse IgG F(ab')<sub>2</sub> and anti-Mouse Serum</p> |
| Host                    | Mouse   |
| Species                 | Mouse   |
| Specificity/Sensitivity | No reaction was observed against anti-Mouse IgG F(c) or anti-Pepsin.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | SDS-Page   |
| Recommended Dilutions       | SDS-Page 1:100 - 1:2000  |
| Application Notes           | This product can be utilized as a control or standard reagent in Western Blotting and ELISA experiments. |

**Images**

SDS-Page: Mouse IgG F(ab) Isotype Control [Biotin] [NBP1-97198] - Lane 1: 5 uL Opal Prestained Marker. Lane 2: Reduced Mouse IgG Whole Molecule. Lane 3: Reduced Mouse F(c) Fragment. Lane 4: Reduced Mouse F(ab')<sub>2</sub> Fragment Biotin Conjugated. Lane 5: Mouse IgM Kappa Myeloma Protein. Load: 1 ug per lane.





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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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