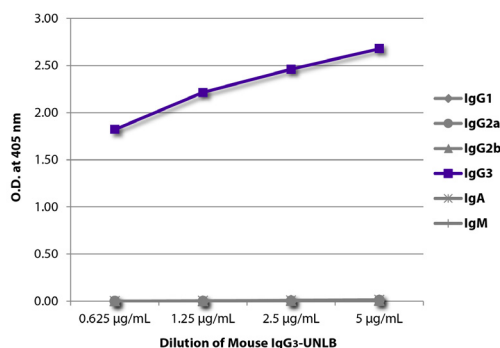




Mouse IgG₃ Isotype Control

| Cat. No. | Format | Size |
|----------|--|-----------|
| 0105-01 | Purified (UNLB) | 1.0 mg |
| 0105-02 | Fluorescein (FITC) | 100 tests |
| 0105-04 | Alkaline Phosphatase (AP) | 1.0 mL |
| 0105-05 | Horseradish Peroxidase (HRP) | 1.0 mL |
| 0105-08 | Biotin (BIOT) | 0.5 mg |
| 0105-09 | R-phycoerythrin (PE) | 100 tests |
| 0105-11 | Allophycocyanin (APC) | 100 tests |
| 0105-13 | Spectral Red [®] (SPRD) | 100 tests |
| 0105-14 | Low Endotoxin, Azide-Free (LE/AF) | 0.5 mg |
| 0105-16 | R-phycoerythrin-Cyanine 5.5 (PE/CY5.5) | 100 tests |
| 0105-17 | R-phycoerythrin-Cyanine 7 (PE/CY7) | 100 tests |
| 0105-31 | Alexa Fluor [®] 647 (AF647) | 100 tests |



ELISA plate was coated with serially diluted Mouse IgG₃-UNLB (SB Cat. No. 0105-01). Immunoglobulin was detected with Goat Anti-Mouse IgG₁, Human ads-BIOT (SB Cat. No. 1070-08), Goat Anti-Mouse IgG_{2a}, Human ads-BIOT (SB Cat. No. 1080-08), Goat Anti-Mouse IgG_{2b}, Human ads-BIOT (SB Cat. No. 1090-08), Goat Anti-Mouse IgG₃, Human ads-BIOT (SB Cat. No. 1100-08), Goat Anti-Mouse IgA-BIOT (SB Cat. No. 1040-08), and Goat Anti-Mouse IgM, Human ads-BIOT (SB Cat. No. 1020-08) followed by Streptavidin-HRP (SB Cat No. 7100-05) and quantified.

Overview

| | |
|--------------------|--------------------------|
| Clone | B10 |
| Isotype | Mouse IgG ₃ λ |
| Specificity | Unknown |

Applications

FC – Quality tested ⁷⁻¹⁰
 ELISA – Quality tested ¹⁻⁶
 FLISA – Quality tested
 ICC – Reported in literature ^{11,12}
 IP – Reported in literature ¹²
In vitro control – Reported in literature ^{7,13}

Working Dilutions

| | | |
|---------------------------|--|------------------------------|
| Flow Cytometry | Purified (UNLB) antibody | ≤ 1 µg/10 ⁶ cells |
| | BIOT conjugate | ≤ 1 µg/10 ⁶ cells |
| | FITC, PE, APC, SPRD, CY5, PE/CY5.5, PE/CY7, and AF647 conjugates | 10 µL/10 ⁶ cells |
| | For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL | |
| ELISA | Purified (UNLB) antibody | 1 - 5 µg/mL |
| | AP conjugate | 1:2,000 – 1:4,000 |
| | HRP conjugate | 1:4,000 – 1:8,000 |
| Other Applications | Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need. | |

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) and Alexa Fluor® 647 (AF647) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD), R-phycoerythrin-Cyanine 5.5 (PE/CY5.5) and R-phycoerythrin-Cyanine 7 (PE/CY7) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. **Aliquot and store at or below -20°C.**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

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