Mouse IgG3 Isotype Control

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0105-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>0105-02</td>
<td>Fluorescein (FITC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0105-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>0105-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>0105-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0105-09</td>
<td>R-phycocerythin (PE)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0105-11</td>
<td>Allophycocyanin (APC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0105-13</td>
<td>Spectral Red® (SPRD)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0105-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0105-17</td>
<td>R-phycocerythin-Cyanine 7 (PE/CY7)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0105-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>100 tests</td>
</tr>
</tbody>
</table>

**Overview**

**Clone**
B10

**Isotype**
Mouse IgG3

**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/10⁶ cells
- BIOT conjugate ≤ 1 μg/10⁶ cells
- FITC, PE, APC, SPRD, CY5, PE/CY7, and AF647 conjugates 10 μL/10⁶ 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.
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-phycocerythrin (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) and R-phycocerythrin-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.

References


3. Dharmasena MN, Krebs SJ, Taylor RK. Characterization of a novel protective monoclonal antibody that recognizes an epitope common to Vibrio cholerae O1a and O1b serotypes. Microbiology. 2009;155:2353-64. (ELISA)


