# Mouse IgG Isotype Control

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0107-01</td>
<td>Purified (UNLB)</td>
<td>10 mg</td>
</tr>
<tr>
<td>0107-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
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<tr>
<td>0107-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<tr>
<td>0107-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
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<tr>
<td>0107-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0107-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0107-10</td>
<td>R-phycoerythrin-Texas Red® (PE/TXRD)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0107-11</td>
<td>Allophycocyanin (APC)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0107-13</td>
<td>Spectral Red® (SPRD)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0107-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0107-17</td>
<td>R-phycoerythrin-Cyanine 7 (PE/CY7)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0107-18</td>
<td>Allophycocyanin-Cyanine 5.5 (APC/CY5.5)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0107-19</td>
<td>Allophycocyanin-Cyanine 7 (APC/CY7)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

## Description

**Isotype**
Mouse IgG

**Source**
Normal mouse serum

## Applications

Quality tested applications include –
- FC \(^{7,10}\)
- ELISA \(^{1-6}\)
- FLISA

Other referenced applications include –
- IHC-PS \(^{11}\)
- ICC \(^{12}\)
- WB \(^{13,14}\)
- IP \(^{15,16}\)
- ChIP \(^{17,18}\)
- Block \(^{19,20}\)
- In vitro control \(^{22-25}\)
- In vivo control \(^{2,9,21}\)

## Working Dilutions

**Flow Cytometry**
- FITC and BIOT conjugates ≤ 1 μg/10⁶ cells
- PE, PE/TXRD, APC, SPRD, PE/CY7, APC/CY5.5, and APC/CY7 conjugates ≤ 0.1 μg/10⁶ cells

For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL

**ELISA**
- AP conjugate 1:500 – 1:5,000
- 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) IgG is supplied as 10 mg of purified immunoglobulin in 2.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaNO₂. 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 NaNO₂ 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/NaNO₂. Store at 2-8°C.
- The R-phycocerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaNO₂ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The Spectral Red® (SPRD), R-phycocerythrin-Cyanine 7 (PE/CY7), R-phycocerythrin-Texas Red® (PE/TXRD), allophycocyanin-Cyanine 5.5 (APC/CY5.5), and allophycocyanin-Cyanine 7 (APC/CY7) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaNO₂ 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

21. 特許第3287953号:対応
22. 特許第3287953号:対応
23. 特許第3287953号:対応
24. 特許第3287953号:対応
25. 特許第3287953号:対応
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35. 特許第3287953号:対応
36. 特許第3287953号:対応