Rat IgG Isotype Control

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0108-01</td>
<td>Purified (UNLB)</td>
<td>10 mg</td>
</tr>
<tr>
<td>0108-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0108-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0108-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0108-10</td>
<td>R-phycoerythrin-Texas Red® (PE/TXRD)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0108-11</td>
<td>Allophycocyanin (APC)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0108-13</td>
<td>Spectral Red® (SPRD)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0108-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0108-15</td>
<td>Cyanine 5 (CY5)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0108-17</td>
<td>R-phycoerythrin-Cyanine 7 (PE/CY7)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>0108-18</td>
<td>Allophycocyanin-Cyanine 5.5 (APC/CY5.5)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Description

Isotype: Rat IgG
Source: Normal rat serum

Applications

Quality tested applications include –
- FC \(^{3,9,16}\)
- ELISA \(^{1,2}\)
- FLISA

Other referenced applications include –
- IHC-PS \(^{10,17}\)
- IHC-FS \(^{18}\)
- ICC \(^{11,19}\)
- Block \(^{12}\)
- In vivo control \(^{13-15,20,21}\)

Working Dilutions

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

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

**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 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-phycoerythrin-Cyanine 7 (PE/CY7), allophycocyanin-Cyanine 5.5 (APC/CY5.5) and R-phycocerythrin-Texas Red® (PE/TXRD) 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.
- The Cyanine 5 (CY5) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaNO₂. Store at 2-8°C.
- 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 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!

Warning

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

References

8. Welner R, Swett DJ, Pelsue SC. Age-related loss of bone marrow pre-B- and immature B-lymphocytes in the autoimmune-prone flaky skin mutant mice. Autoimmunity. 2005;38:399-408. (FC)

Spectral Red® is a registered trademark of Southern Biotechnology Associates, Inc.
Spectral Red® is a PE/CY5 tandem conjugate.
Cy® is a registered trademark of GE Healthcare.

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