# Mouse IgA Isotype Control

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0106-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>0106-02</td>
<td>Fluorescein (FITC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0106-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0106-09</td>
<td>R-phycoerythrin (PE)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0106-11</td>
<td>Allophycocyanin (APC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0106-13</td>
<td>Spectral Red® (SPRD)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0106-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0106-16</td>
<td>R-phycoerythrin-Cyanine 5.5 (PE/CY5.5)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0106-17</td>
<td>R-phycoerythrin-Cyanine 7 (PE/CY7)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0106-18</td>
<td>Allophycocyanin-Cyanine 5.5 (APC/CY5.5)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0106-19</td>
<td>Allophycocyanin-Cyanine 7 (APC/CY7)</td>
<td>100 tests</td>
</tr>
</tbody>
</table>

## Overview

**Clone**  S107  
**Isotype**  Mouse IgAκ  
**Specificity**  C-carbohydrate

## Applications

- FC – Quality tested \(^{18}\)
- ELISA – Quality tested \(^{1-17}\)
- FLISA – Quality tested
- *In vivo* control – Reported in literature \(^{19,20}\)

## Working Dilutions

**Flow Cytometry**

- Purified (UNLB) antibody: ≤ 1 μg/10⁶ cells
- Biotin conjugate: ≤ 1 μg/10⁶ cells
- FITC, PE, APC, SPRD, PE/CY5.5, PE/CY7, APC/CY5.5, and APC/CY7 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

**Other Applications**

Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

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

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**Email:** info@southernbiotech.com  •  **Website:** www.southernbiotech.com
**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) conjugate supplied as 100 tests in 1.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The R-phycocerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaNO₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD) R-phycocerythrin-Cyanine 5.5 (PE/CY5.5), R-phycocerythrin-Cyanine 7 (PE/CY7), allophycocyanin-Cyanine 5.5 (APC/CY5.5), and allophycocyanin-Cyanine 7 (APC/CY7) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaNO₃ 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**

2. Hochepied T, Wullaert A, Berger FG, Baumann H, Brouckaert P, Steidler L, et al. Overexpression of Spectral Red is a registered trademark of Southern Biotechnology Associates, Inc. Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768 Email: info@southernbiotech.com • Website: www.southernbiotech.com