Rabbit IgG Isotype Control

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0111-01</td>
<td>Purified (UNLB)</td>
<td>10 mg</td>
</tr>
<tr>
<td>0111-02</td>
<td>Fluorescein (FITC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0111-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>0111-09</td>
<td>R-phycocerythrin (PE)</td>
<td>100 tests</td>
</tr>
<tr>
<td>0111-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

Description

Isotype: Rabbit IgG
Source: Normal rabbit serum

Applications

Quality tested applications include –
- FC 4-10
- ELISA 1-3
- FLISA

Other referenced applications include –
- IHC-FS 4,11,22
- IHC-PS 12-15
- IHC-WM 23
- ICC 16
- WB 21
- IP 24,25
- ChiP 25-28
- Microarray 17,18
- Block 19
- In vitro control 20
- In vivo control 29

Working Dilutions

Flow Cytometry
- Purified (UNLB) antibody ≤ 1 μg/10^6 cells
- FITC and PE conjugates 10 μL/10^6 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.

Please note that the rabbit IgG Fc region may bind nonspecifically to human tissue. Rabbit IgG is an isotype control used to estimate the non-specific binding of target primary antibodies due to Fc binding or other protein-protein interactions.

For Research Use Only. Not for Diagnostic or Therapeutic Use.
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 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.

- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. 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


19. Jacob AG, Singh RK, Mohammad F, Bebee TW, Chandler DS. The spills factor FUBP1 is required for the efficient splicing of oncogene MDM2 pre-mRNA. J Biol Chem. 2014;289:17350-64. (In vitro control)

20. SouthernBiotech published data (WB)

21. SouthernBiotech published data (WB)


