Goat F(ab')\textsubscript{2} Anti-Rat IgG(H+L), Mouse ads

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3052-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>3052-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>3052-07</td>
<td>Texas Red\textsuperscript{TM} (TXRD)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>3052-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>3052-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>3052-10</td>
<td>R-phycoerythrin-Texas Red\textsuperscript{TM} (PE/TXRD)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>3052-13</td>
<td>Spectral Red\textsuperscript{TM} (SPRD)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>3052-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>3052-16</td>
<td>R-phycoerythrin-Cyanine 5.5 (PE/CY5.5)</td>
<td>0.25 mg</td>
</tr>
</tbody>
</table>

**Description**

**Specificity**: Reacts with the heavy and light chains of rat IgG and the light chains of rat IgM

**Source**: Pepsin digest of Goat Anti-Rat IgG(H+L), Mouse ads (SB Cat. No. 3050)

**Cross Adsorption**: Mouse immunoglobulins and pooled sera; may react with immunoglobulins from other species

**Applications**

Quality tested applications include –
- ELISA
- FLISA
- FC\textsuperscript{1-13}

Other referenced applications include –
- IHC-FS\textsuperscript{14-18}

**Working Dilutions**

**ELISA**
- BIOT conjugate
  - 1:5,000 – 1:20,000

**FLISA**
- FITC and TXRD conjugates
  - 1:100 – 1:400
- PE conjugate
  - \(\leq 1 \mu g/mL\)

**Flow Cytometry**
- FITC and BIOT conjugates
  - \(\leq 1 \mu g/10^6\) cells
- PE, PE/TXRD, SPRD, and PE/CY5.5 conjugates
  - \(\leq 0.1 \mu g/10^6\) cells

For flow cytometry, the suggested use of these reagents is in a final volume of 100 \(\mu L\)

**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 0.5 mg 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 Texas Red® (TXRD) conjugates are supplied as 0.5 mg 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.
- The R-phycocerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The Spectral Red® (SPRD), R-phycocerythrin-Texas Red® (PE/TXRD), and R-phycocerythrin-Cyanine 5.5 (PE/CY5.5) conjugates are supplied as 0.25 mg 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 (M)SDS.

References

10. Despars G, O'Neill HC. Splenic endothelial cell lines support development of dendritic cells from bone marrow. Stem Cells. 2006;24:1496-504. (FC)

Texas Red® is a registered trademark of Molecular Probes, Inc.
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.