Goat F(ab’)2 Anti-Mouse IgG1, Human ads

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1072-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1072-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1072-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1072-09</td>
<td>R-phycocerythrin (PE)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>1072-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1072-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1072-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

Description

**Specificity**
Reacts with the heavy chain of mouse IgG1

**Source**
Pepsin digest of Goat Anti-Mouse IgG1, Human ads (SB Cat. No. 1070)

**Cross Adsorption**
Mouse IgG2a, IgG2b, IgG3, IgM, and IgA; human immunoglobulins and pooled sera; may react with immunoglobulins from other species

Applications

Quality tested applications include –
- ELISA
- FLISA
- FC 1-15

Other referenced applications include –
- IHC-FS 16
- IHC-PS 17
- ICC 3,18

Working Dilutions

**ELISA**
- BIOT conjugate
  - 1:5,000 – 1:10,000

**FLISA**
- FITC, AF488, and AF555 conjugates
  - 1:100 – 1:400
- PE and AF647 conjugates
  - ≤ 1 μg/mL

**Flow Cytometry**
- FITC, BIOT, and AF488 conjugates
  - ≤ 1 μg/10⁶ cells
- PE conjugate
  - ≤ 0.2 μg/10⁶ cells
- AF647 conjugate
  - ≤ 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.

For Research Use Only. Not for Diagnostic or Therapeutic Use.
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), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.5 mg 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-phycoerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaNO₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- 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

5. Luby TM, Schrader CE, Stavnezer J, Selsing E. The μ switch region tandem repeats are important, but not required, for antibody class switch recombination. J Exp Med. 2001;193:159-68. (FC)

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