## Goat Anti-Hamster IgG(H+L), Mouse/Rat ads

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6061-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6061-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6061-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6061-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6061-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6061-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>6061-11</td>
<td>Allophycocyanin (APC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>6061-17</td>
<td>R-phycoerythrin-Cyanine 7 (PE/CY7)</td>
<td>0.25 mg</td>
</tr>
</tbody>
</table>

### Description

**Specificity**
Reacts with the heavy and light chains of hamster IgG; may only react with Syrian hamster IgG

**Source**
Pooled antisera from goats hyperimmunized with hamster IgG

**Cross Adsorption**
Mouse and rat immunoglobulins and pooled sera; may react with immunoglobulins from other species and the light chains of other hamster immunoglobulins

**Purification**
Affinity chromatography on hamster IgG covalently linked to agarose

### Applications

Quality tested applications include –
- ELISA 1-5
- FLISA
- FC 6-13

Other referenced applications include –
- IHC-FS 10,14-16
- IHC-PS 17
- WB 4,18-20

### Working Dilutions

**ELISA**
- AP conjugate 1:2,000 – 1:4,000
- HRP conjugate 1:4,000 – 1:8,000
- BIOT conjugate 1:5,000 – 1:20,000

**FLISA**
- FITC conjugate 1:200 – 1:400
- PE conjugate ≤ 1 μg/mL

**Flow Cytometry**
- FITC conjugate ≤ 1 μg/10^6
- PE, APC, and PE/CY7 conjugates ≤ 0.1 μg/10^6
  
  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) antibody is supplied as 1.0 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) conjugate is supplied as 1.0 mg in 1.0 mL PBS/NaNO₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaNO₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL PBS/NaNO₃. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.5 mg in 1.0 mL of PBS/NaNO₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The R-phycoerythrin-Cyanine 7 (PE/CY7) 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**

7. Belani R, Weiner GJ. Expression of both B7-1 and CD28 contributes to the IL-2 responsiveness of CTL2-2 cells. Immunology. 1996;87:271-4. (FC)

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