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>
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<tr>
<td>6061-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<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>
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</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 1-8
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: \( \leq 1 \mu g/mL \)

**Flow Cytometry**
- FITC conjugate: \( \leq 1 \mu g/10^6 \)
- PE, APC, and PE/CY7 conjugates: \( \leq 0.1 \mu g/10^6 \)
  
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.

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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 of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 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 of PBS/NaN₃. 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/NaN₃ 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/NaN₃ 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 SDS.

References

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

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