Rabbit Anti-Goat IgG(H+L)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6160-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6160-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
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<tr>
<td>6160-03</td>
<td>Rhodamine (TRITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6160-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6160-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>6160-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
</tbody>
</table>

Description

Specificity
Reacts with the heavy and light chains of goat IgG

Source
Pooled antisera from rabbits hyperimmunized with goat IgG

Cross Adsorption
None; may react with immunoglobulins from other species and the light chains of other goat immunoglobulins

Purification
Affinity chromatography on goat IgG covalently linked to agarose

Applications

Quality tested applications include –
ELISA 1-7
FLISA

Other referenced applications include –
IHC-FS 8-10
IHC-PS 11,12
ICC 13,14
WB 14-21

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
- TRITC conjugate
  - 1:100 – 1:400

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) and rhodamine (TRITC) conjugates are supplied as 1.0 mg in 1.0 mL PBS/NaN3. Store at 2-8°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 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 NaN3 as preservative. 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/NaN3. Store at 2-8°C.
- The fluorescein (FITC) and rhodamine (TRITC) conjugates are supplied as 1.0 mg in 1.0 mL PBS/NaN3. Store at 2-8°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

6. Lima FA, Miyaji EN, Quintilio W, Raw I, Ho PL, Oliveira ML. Pneumococcal Surface Protein A does not affect the immune responses to a combined diphtheria tetanus and pertussis vaccine in mice. Vaccine. 2013;31:2465-70. (ELISA)
10. Jansen ID, Hollander AP, Buttle DJ, Everts V. Type II and VI collagen in nasal and articular cartilage and the effect of IL-1 on the distribution of these collagens. J Mol Hist. 2010;41:9-17. (HC-FS)