## Goat Anti-Mouse Kappa

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1050-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1050-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1050-03</td>
<td>Rhodamine (TRITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1050-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1050-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1050-07</td>
<td>Texas Red® (TXRD)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1050-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1050-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1050-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>1.0 mg</td>
</tr>
</tbody>
</table>

### Description

**Specificity**: Reacts with mouse κ light chains

**Source**: Pooled antisera from goats hyperimmunized with mouse κ light chains

**Cross Adsorption**: Mouse λ light chains; may react with κ light chains from other species

**Purification**: Affinity chromatography on mouse κ light chains covalently linked to agarose

### Applications

Quality tested applications include –

- ELISA 1-11
- FLISA FC 3,8,12,15,16,26

Other referenced applications include –

- ELISPOT 2,7,12-14
- IHC-FS 17
- IHC-PS 18,19
- ICC 5,20-22
- WB 1,4,6,8,9,15,26
- IP 23,24
- Stim 25,26
- SPR 27

### Working Dilutions

**ELISA**

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

**FLISA**

- **FITC, TRITC, TXRD, and AF555 conjugates**: 1:100 – 1:400
- **PE conjugate**: ≤ 1 μg/mL

**Flow Cytometry**

- **FITC and BIOT conjugates**: ≤ 1 μg/10^6 cells
- **PE conjugate**: ≤ 0.1 μg/10^6 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.*
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), rhodamine (TRITC), and Texas Red® (TXRD) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaCl. 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 Na3P 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 of PBS/NaCl. Store at 2-8°C.

The R-phycocerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaCl and a stabilizing agent. Store at 2-8°C. Do not freeze.

The Alexa Fluor® 555 (AF555) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/NaCl. Store at 2-8°C. Protect fluorochrome-conjugated forms from light. Reagents are stable for the life of the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific (M)SDS.

References

15. Rahmann M. Analysis of B lymphocyte activation and differentiation by flow profiling [dissertation]. Freiburg (Germany); University of Freiburg. 2005. (FC, WB)