Rat Anti-Mouse Kappa

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1180-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1180-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1180-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1180-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1180-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1180-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>1180-09L</td>
<td>R-phycoerythrin (PE)</td>
<td>0.2 mg</td>
</tr>
</tbody>
</table>

Overview

Clone: H139-52.1
Isotype: Rat (LOU/Ws1) IgG1\(\kappa\)
Immunogen: Unknown
Specificity: Mouse \(\kappa\)

Applications

- FC – Quality tested
- ELISA – Quality tested
- FLISA – Quality tested
- ICC – Reported in literature
- WB

Working Dilutions

- Flow Cytometry:
  - FITC and BIOT conjugates: \(\leq 1 \mu g/10^6\) cells
  - PE conjugate: \(\leq 0.2 \mu g/10^6\) cells
  - For flow cytometry, the suggested use of these reagents is in a final volume of 100 \(\mu L\)
- ELISA:
  - AP conjugate: 1:500 – 1:1,000
  - 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: \(\leq 1 \mu g/mL\)

Other Applications: Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

BALB/c mouse splenocytes were stained with Rat Anti-Mouse Kappa-PE (SB Cat. No. 1180-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).
**Handling and Storage**

- The purified (UNLB) antibody is supplied as 0.5 mg of 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 0.5 mg in 1.0 mL of PBS/NaN3. 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 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 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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL or 0.2 mg in 2.0 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 (M)SDS.

**References**

6. Ma S, Pathak S, Trinh L, Lu R. Interferon regulatory factors 4 and 8 induce the expression of Ikaros and Aiolos to down-regulate pre-B-cell receptor and promote cell-cycle withdrawal in pre-B-cell development. Blood. 2008;111:1396-403. (FC)
9. SouthernBiotech unpublished data (WB)