Mouse Anti-Porcine CD3ε

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>4510-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>4510-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
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<tr>
<td>4510-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>4510-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>4510-11</td>
<td>Allophycocyanin (APC)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>4510-13</td>
<td>Spectral Red® (SPRD)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>4510-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

**Overview**

**Clone**
PPT3

**Isotype**
Mouse (BALB/c) IgG1κ

**Immunogen**
Purified CD3 molecules from porcine thymus

**Specificity**
Porcine CD3ε; Mr 23 kDa

**Alternate Name(s)**
N/A

**Description**
Porcine CD3ε is a member of the T-cell receptor-associated CD3 complex. It is found on a subpopulation of thymocytes and on all pig T lymphocytes. The monoclonal antibody PPT3 is mitogenic when presented to peripheral blood mononuclear cells in immobilized form.

**Applications**

- **FC** – Quality tested 1,11-19,21-27
- **IHC-FS** – Reported in literature 1-4,20
- **IHC-PS** – Reported in literature 5-7
- **IP** – Reported in literature 1
- **WB** – Reported in literature 1
- **Sep** – Reported in literature 8-12
- **Stim** – Reported in literature 1
- **Cyto** – Reported in literature 1

**Working Dilutions**

**Flow Cytometry**
- FITC, BIOT, and AF488 conjugates ≤ 1 μg/10⁶ cells
- PE, APC, and SPRD conjugates ≤ 0.2 μg/10⁶ 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.
**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/Na2Mo. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/Na2Mo. Store at 2-8°C.
- The R-phycocerythrin (PE), allophycocyanin (APC), and Spectral Red® (SPRD) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/Na2Mo and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/Na2Mo. 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**


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