### Hamster Anti-Mouse CD152

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1790-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1790-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1790-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1790-09</td>
<td>R-phycocerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>1790-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

#### Overview

**Clone**
1B8

**Isotype**
Hamster (Armenian) IgG1

**Immunogen**
Extracellular portion of murine CTLA-4 fused to a murine IgG2a

**Specificity**
Mouse CD152; Mr 33-37 kDa

**Alternate Name(s)**
CTLA-4, cytotoxic T-lymphocyte protein 4

#### Description
The lymphocyte surface antigen CD152, also known as CTLA-4, is related to the costimulatory molecule CD28 and both molecules share common B7 family counter-receptors. However CD152 is thought to be a negative regulator of T cell activation and may play a role in apoptotic control of T cells. CD152 is relatively conserved among humans, mice and chickens.

#### Applications

ELISA – Quality tested
FLISA – Quality tested
FC – Reported literature
Stim – Reported in literature

#### Working Dilutions

**ELISA**
- BIOT conjugate 1:5,000 – 1:10,000

**FLISA**
- FITC conjugate 1:100 – 1:400
- PE conjugate ≤ 1 µg/mL

**Flow Cytometry**
- FITC and BIOT conjugates ≤ 3 µg/10⁶ cells
- PE conjugate ≤ 0.3 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/NaNO3. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaNO3. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaNO3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of PBS. **Aliquot and store at or below -20°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 SDS.

References