Mouse Anti-Human CD95

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9730-01</td>
<td>Purified (UNLB)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9730-02</td>
<td>Fluorescein (FITC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9730-02S</td>
<td>Fluorescein (FITC)</td>
<td>25 tests</td>
</tr>
<tr>
<td>9730-08</td>
<td>Biotin (BIOT)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9730-09</td>
<td>R-phycocerythin (PE)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9730-09S</td>
<td>R-phycocerythin (PE)</td>
<td>25 tests</td>
</tr>
<tr>
<td>9730-11</td>
<td>Allophycocyanin (APC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9730-11S</td>
<td>Allophycocyanin (APC)</td>
<td>25 tests</td>
</tr>
<tr>
<td>9730-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9730-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9730-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>100 tests</td>
</tr>
</tbody>
</table>

Overview

Clone: DX2
Isotype: Mouse (C3H/He) IgG1κ
Immunogen: Human CD95 transfected L cells
Specificity: Human/Rhesus/African Green Monkey/Sooty Mangabey CD95; Mr 45 kDa
Alternate Name(s): APO-1, Fas, TNFRSF6
Workshop: VI C-64

Description

CD95, also known as Fas and APO-1, is a 45 kDa type I transmembrane glycoprotein and a member of the tumor necrosis factor receptor superfamily. It is expressed by activated lymphocytes, monocytes, neutrophils, fibroblasts, and cell lines. Fas ligand binding to CD95 induces apoptosis in activated mature lymphocytes thereby playing a role in maintaining peripheral tolerance. Crosslinking of CD95 by the monoclonal antibodies DX2 and DX3 delivers an apoptotic signal to Fas-sensitive cells indicating that these monoclonal antibodies recognize a functional epitope of CD95.

Applications

FC – Quality tested
IHC-FS – Reported in literature
IHC-PS – Reported in literature
ICC – Reported in literature
IP – Reported in literature
ELISA – Reported in literature
Apop – Reported in literature

Working Dilutions

Flow Cytometry
- Purified (UNLB) antibody ≤ 1 μg/10⁶ cells
- FITC, BIOT, PE, APC, AF488 and AF647 conjugates 10 μL/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.
The purified (UNLB) antibody is supplied as 1.0 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 25 tests in 0.25 mL or 100 tests in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.

The biotin (BIOT) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.

The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 25 tests in 0.25 mL or 100 tests in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**

The low endotoxin/azide-free antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of PBS. **Aliquot and store at or below -20°C.**

The Alexa Fluor<sup>®</sup> 488 (AF488) and Alexa Fluor<sup>®</sup> 647 (AF647) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN<sub>3</sub>. 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.

**Handling and Storage**

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

**References**


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