**Mouse Anti-Bcl-xL**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>10030-01</td>
<td>Purified (UNLB)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>10030-02</td>
<td>Fluorescein (FITC)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>10030-08</td>
<td>Biotin (BIOT)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>10030-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

**Overview**

**Clone** 7B2.5  
**Isotype** Mouse (BALB/c) IgG3  
**Immunogen** Recombinant human Bcl-xS  
**Specificity** Human/Mouse/Rat/Rhesus Bcl-xL  
**Alternate Name(s)** Apoptosis regulator Bcl-X, Bcl-2-like 1 protein, BCL2L1

**Description**

Bcl-xL is a 29 kDa member of the Bcl-2 family of proteins involved in regulation of programmed cell death, or apoptosis. It is found in both soluble and membrane fractions of cellular lysates. Like Bcl-2, Bcl-xL has been demonstrated to block apoptosis which is induced by a variety of stimuli and, under certain conditions, offers greater protection against apoptosis than Bcl-2. While formation of heterodimers with the apoptosis-enhancing protein, Bax does not block the apoptosis-suppressing property of Bcl-xL, heterodimerization with Bad effectively inhibits the protective function of Bcl-xL.

**Applications**

- **FC** – Quality tested 2-25  
- **IHC-PS** – Reported in literature 26  
- **ICC** – Reported in literature 27  
- **WB** – Reported in literature 1,28-30  
- **IP** – Reported in literature 30,31  
- **ELISA** – Reported in literature 1

**Working Dilutions**

**Flow Cytometry**
- FITC and BIOT conjugates  
- PE conjugate  
  
  For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL

**Immunoblotting**
- Purified (UNLB) antibody  
  
  ≤ 1 µg/mL

**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 0.1 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 0.1 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.1 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 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 SDS.

**References**


TB10030

20-Jul-18

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA
Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768
Email: info@southernbiotech.com • Website: www.southernbiotech.com