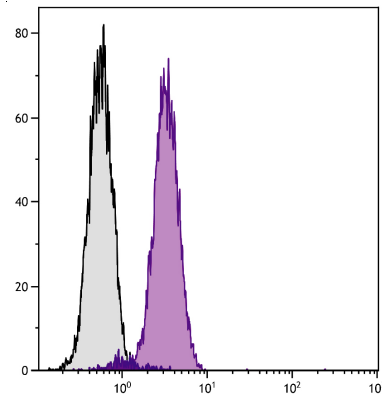




Mouse Anti-Bcl-x_L

Cat. No.	Format	Size
10030-01	Purified (UNLB)	0.1 mg
10030-02	Fluorescein (FITC)	0.1 mg
10030-08	Biotin (BIOT)	0.1 mg
10030-09	R-phycoerythrin (PE)	0.1 mg



Human T cell leukemia cell line Jurkat was intracellularly stained with Mouse Anti-Human Bcl-x_L-FITC (SB Cat. No. 10030-02).

Overview

Clone	7B2.5
Isotype	Mouse (BALB/c) IgG _{3k}
Immunogen	Recombinant human Bcl-x _S
Specificity	Human/Mouse/Rat/Rhesus Bcl-x _L
Alternate Name(s)	Apoptosis regulator Bcl-X, Bcl-2-like 1 protein, BCL2L1

Description

Bcl-x_L 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-x_L 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-x_L, heterodimerization with Bad effectively inhibits the protective function of Bcl-x_L.

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	≤ 3 µg/10 ⁶ cells
	PE conjugate	≤ 0.3 µg/10 ⁶ cells
	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.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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.

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