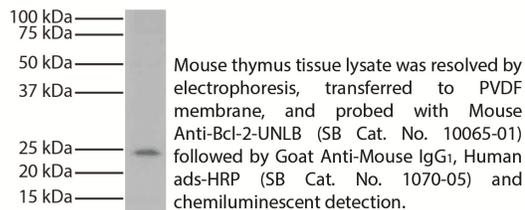




Mouse Anti-Bcl-2

Cat. No.	Format	Size
10065-01	Purified (UNLB)	0.1 mg



Overview

Clone	10C4
Isotype	Mouse IgG _{1κ}
Immunogen	Murine Bcl-2 peptide (a.a. 61-76)
Specificity	Mouse/Rat Bcl-2
Alternate Name(s)	B cell leukemia 2

Description

Bcl-2 is a 26 kDa member of the family of proteins involved in regulation of programmed cell death, or apoptosis. It is expressed in a variety of both normal and neoplastic tissues and appears to be membrane-bound since it is detectable in crude membrane and nuclear fractions, but not in the soluble fraction of cell lysates. Overexpression of Bcl-2 can prevent apoptosis, while formation of heterodimers with Bax, another Bcl-2-related protein, inhibits Bcl-2's ability to promote cell survival.

Applications

WB – Quality tested ¹⁻⁴
 IP – Reported in literature ^{3,4}
 FC – Reported in literature ^{5,6}
 IHC-FS – Reported in literature ⁷
 IHC-PS – Reported in literature ⁸
 ICC – Reported in literature ³

Working Dilutions

Immunoblotting	Purified (UNLB) antibody	≤ 2 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.
- Reagent is stable for the period shown on the label if stored as directed.

References

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6. Wang X, Szymczak-Workman AL, Gravano DM, Workman CJ, Green DR, Vignali DA. Preferential control of induced regulatory T cell homeostasis via a Bim/Bcl-2 axis. *Cell Death Dis.* 2012;3:e270. (FC)
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8. Saatli B, Kizildag S, Posaci C, Dogan E, Koyuncuoglu M, Ulukus EC, et al. Long-term effects of GnRH agonist, GnRH antagonist, and estrogen plus progesterone treatment on apoptosis related genes in rat ovary. *Fertil Steril.* 2009;91:2006-11. (IHC-PS)