



**Immunogen**

**Polyclonal Anti- Bcl-x/s (Magnetic Bead Conjugate)**

A synthetic peptide corresponding to a sequence at the middle region of human Bcl-x/s, different to the related rat sequence by a single amino acid.

**Catalogue No.** PA1232-M

**Purification**

**Lot No.** 09E01

Immunogen affinity purified

**Ig type:** rabbit IgG1

**Contents**

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN<sub>3</sub>.

**Size:** 100µg/Vial

**Storage**

Store at 4°C for frequent use.

**Specificity**

Human, rat, mouse.

No cross reactivity with other proteins.

**Description:**

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads.

**Recommended application**

It is useful for immunoprecipitation

*Immunoprecipitation(IP)*

**BACKGROUND**

Bcl-xS is the second mRNA species of Bcl-x protein, which encodes a protein that inhibits the ability of bcl-2 to enhance the survival of growth factor-deprived cells. In vivo, bcl-xS mRNA is expressed at high levels in cells that undergo a high rate of turnover, such as developing lymphocytes.<sup>1</sup> Apoptosis was associated with increased protein expression of Bcl-X/S, an early marker of apoptosis, and release of cytochrome c into the cytosol of infected HB cells.<sup>2</sup>

**REFERENCE**

1. Boise, L. H.; Gonzalez-Garcia, M.; Postema, C. E.; Ding, L.; Lindsten, T.; Turka, L. A.; Mao, X.; Nunez, G.; Thompson, C. B. : Bcl-x, a bcl-2-related gene that functions as a dominant regulator of apoptotic cell death. *Cell* 74: 597-608, 1993.
2. Glushakova LG, Lisankie MJ, Eruslanov EB, Ojano-Dirain C, Zolotukhin I, Liu C, Srivastava A, Stacpoole PW. AAV3-mediated transfer and expression of the pyruvate dehydrogenase E1 alpha subunit gene causes metabolic remodeling and apoptosis of human liver cancer cells. *Mol Genet Metab.* 2009 Jun 23.

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