



E90208

Bcl-2 Polyclonal Antibody

- Catalog Number:** E90208
- Amount:** 100ul
- Background:** Bcl-2 exerts a survival function in response to a wide range of apoptotic stimuli through inhibition of mitochondrial cytochrome c release (1). It has been implicated in modulating mitochondrial calcium homeostasis and proton flux (2). Several phosphorylation sites have been identified within Bcl-2 including Thr56, Ser70, Thr74 and Ser87 (3). It has been suggested that these phosphorylation sites may be targets of the ASK1/MKK7/JNK1 pathway, and that phosphorylation of Bcl-2 may be a marker for mitotic events (4,5). Mutation of Bcl-2 at Thr56 or Ser87 inhibits its anti-apoptotic activity during glucocorticoid-induced apoptosis of T lymphocytes (6). Interleukin 3 and JNK-induced Bcl-2 phosphorylation at Ser70 may be required for its enhanced anti-apoptotic functions (7).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** BCL2;Bcl-2 ;ONCOGENE B-CELL LEUKEMIA 2; Apoptosis regulator Bcl-2
- Immunogen:** Recombinant protein of human Bcl-2
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 26kDa
- Swiss-Prot No. :** P10415
- Gene ID:** 596
- References:** 1. Murphy, K.M. et al. (2000) Cell Death Differ 7, 102-11. 2. Zhu, L. et al. (1999) J Biol Chem 274, 33267-73. 3. Maundrell, K. et al. (1997) J Biol Chem 272, 25238-42. 4. Yamamoto, K. et al. (1999) Mol Cell Biol 19, 8469-78. 5. Ling, Y.H. et al. (1998) J Biol Chem 273, 18984-91. 6. Huang, S.T. and Cidlowski, J.A. (2002) FASEB J 16, 825-32. 7. Deng, X. et al. (2001) J Biol Chem 276, 23681-8.

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WB 1:500 - 1:2000

IHC 1:50- 1:200

Western blot analysis of extracts of Jurkatcell line,
using BCL2 antibody. Immunohistochemistry of
paraffin-embedded Breast cancer using BCL2
Antibody.

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