



Bcl-2 Antibody

E80407-7

- Product Type:** Rabbit Polyclonal IgG, primary antibodies
- Catalog Number:** E80407-7
- Amount:** 100ul 0.5mg/ml
- Positive control:** Jurkat
- Project ID:** pk017
- Molecular Wt.:** 26kDa
- Cellular Localization:** Mitochondrial Outer Membrane Et Al.
- Form of Antibody:** Liquid
- Storage Buffer:** 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.
- Description:** Bcl-2 is an integral membrane protein located in the membranes of the endoplasmic reticulum (ER), nuclear envelope, and in the outer membranes of the mitochondria. It suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Bcl-2 regulates cell death by controlling the mitochondrial membrane permeability.
- Storage/Stability:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
- Purity:** Affinity purified
- Recommended Dilutions:** WB: 1:2000
- Specificity/Sensitivity:** This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of N-terminal residues of Bcl-2.
- Reactivity:** Mouse,Rat,Human
- Applications:** WB
- Swiss-Prot No. :** SwissProt **P10417** (human)
- References:**
1. The MGC Project Team:"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." Genome Res. 14:2121-2127(2004)
 2. Tanaka S., Louie D.C., Kant J.A., Reed J.C.: "Frequent incidence of somatic mutations in translocated BCL2 oncogenes of non-Hodgkin's lymphomas." Blood 79:229-237(1992).
 3. Oltersdorf T., Elmore S.W."An inhibitor of Bcl-2 family proteins induces regression of solid tumours."; Nature 435:677-681(2005).

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