

Bcl-2 Polyclonal Antibody

CATALOG NO: 3033-30T 30 µg (Trial size)
3033-100 100 µg

CONCENTRATION: 0.5 mg/ml

HOST: Rabbit

IMMUNOGEN: Synthetic peptide corresponding to the N-terminus of human Bcl-2

INTERNAL ID: BV-123

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION:

Affinity purified rabbit anti-Bcl-2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% ProClin®

STORAGE CONDITIONS:

Store at -20° C. For long-term storage, aliquot and freeze at -70° C. Avoid repeated freeze/defrost cycles.

BACKGROUND DESCRIPTION:

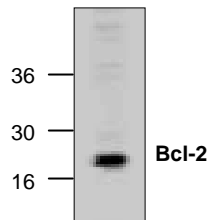
Bcl-2 and its homologs belong to a family of proteins that either promotes or prevent apoptosis. Bcl-2 alpha and beta are the alternatively spliced isoforms of 25 kDa and 22 kDa mitochondrial integral membrane proteins that inhibit apoptosis.

SPECIFICITY:

Detects a 25 kDa protein, corresponding to the apparent molecular weight of the α isoform of Bcl-2 on SDS-PAGE immunoblots.

APPLICATION AND USAGE:

The antibody can be used in Western blot analysis (0.5-4 µg/ml). Based on researchers feedback, it can also be used in Immunoprecipitation (4-8 µg/ml), and Immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually.



Western blot analysis of Bcl-2 expression in HL60 cell lysate.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies

FOR RESEARCH USE ONLY! Not to be used on humans.