

Bcl-2 Antibody (Clone Bcl-2/100)

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| CATALOG #: | 3195-100 |
| LOT #: | _____ |
| HOST: | Mouse |
| ISOTYPE: | IgG ₁ |
| CLONE: | Bcl-2/100 |
| IMMUNOGEN: | Synthetic peptide corresponding to residues surrounding a.a. 44 of Human Bcl-2 |
| SPECIES REACTIVITY: | Human (Other species have not been tested) |

ANTIBODY FORMULATION:

100 µg (0.5 mg/ml) protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95%. The antibody was formulated in PBS containing 1 mg/ml BSA and 1.5 mM sodium azide and 50% glycerol.

STORAGE CONDITIONS:

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

DESCRIPTION:

Bcl-2 (B-cell leukemia/lymphoma 2) gene was discovered by walking the chromosomal breakpoints t(14;18). This gene consists of two exons and several transcripts that encode two different protein products, Bcl-2α and Bcl-2β. Both proteins are approximately 26-30 kDa and differ at their C-terminal region. Bcl-2 suppresses apoptosis (programmed cell death) and this property appears to be modulated by homodimerization or association with Bax and Bad, two cell death promoters

SPECIFICITY: Recognize the 26 kDa human Bcl-2

APPLICATIONS AND USAGE:

Western blot (1-4 µg/ml), Immunoprecipitation, Immunohistochemistry, and Flow cytometry. However the optimal conditions should be determined individually.

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

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