



MAB-94760

BCL-2 Mouse Monoclonal Antibody

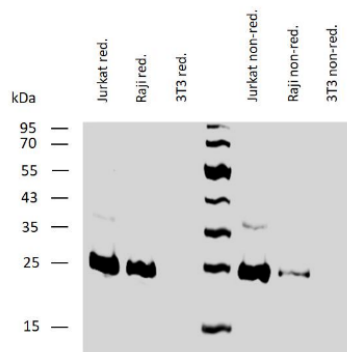
Size: 100 µg**Clone:** BCL2/100**Description:**

Bcl2 (B cell chronic lymphatic leukemia protein 2) is a proto-oncogen, which can contribute to tumorigenesis by counteracting apoptosis in various cell types. The anti-apoptotic effect of Bcl2 is performed by its interactions with suppressors and agonists of cell death and under physiological conditions it is regulated by proteolytic processing and phosphorylation. Bcl2 expression can be detected mainly in lymphoid tissues and in the basal cells of epithelial tissues. It is also a marker that can help in classification of lymphoproliferative diseases and in prognostics of some epithelial neoplasms.

Isotype: Mouse IgG1**Reactivity:** Human**Immunogen:** Synthetic peptide corresponding to the amino acids 41-54 of human Bcl2**Concentration:** 1 mg/ml**Purification:** Purified by protein-A affinity chromatography**Applications:** Western Blot, Immunoprecipitation, immunohistochemistry on Frozen tissues, Immunohistochemistry on paraffin embedded tissues, Immunocytochemistry, Flow Cytometry**Flow cytometry:** Recommended dilution: 1-5 µg/ml. Intracellular staining.

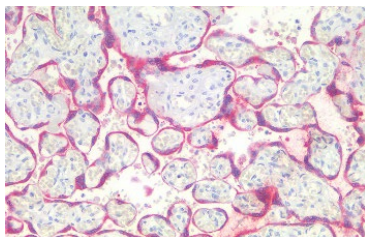
Immunohistochemistry: Recommended dilution: 1-10 µg/ml

Western blotting: Recommended dilution: 1-2 µg/ml.

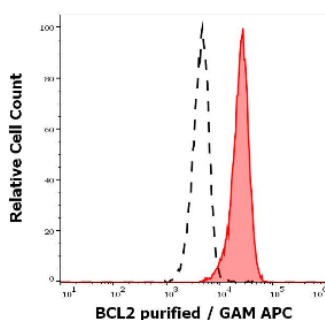
Observed MW: 25 kDa

Western blotting analysis of human BCL2 using mouse monoclonal antibody Bcl-2 in lysates of Jurkat and Raji cells, and 3T3 cells (negative control) under reducing and non-reducing conditions.

Nitrocellulose membrane was probed with 2 µg/ml of mouse monoclonal antibody followed by IRDye800-conjugated anti-mouse secondary antibody.

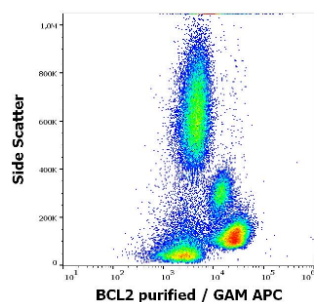


Immunohistochemistry staining of human placenta (paraffin-embedded sections) with anti-BCL2 (Bcl-2/100), 10 µg/ml.



Separation of human lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (intracellular staining) of human peripheral whole blood stained using anti-human BCL-2 (Bcl-2/100) purified antibody (concentration in sample 1 µg/ml, GAM APC)

MAB-94760 BCL-2 Mouse Monoclonal Antibody



Flow cytometry intracellular staining pattern of human peripheral whole blood stained using anti-human BCL-2 (Bcl-2/100) purified antibody (concentration in sample 1 µg/ml, GAM APC)

Formulation: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Alternative names; Bcl-2, PPP1R50

Storage : Store at 2-8°C. Do not freeze.

For Research use only
IMMUNOLOGICAL SCIENCES

Web-site: www.immunologicalsciences.com - E-Mail: info@immunologicalsciences.com