

Product Datasheet

Bcl-2 (3H5) Mouse mAb

Catalog No: AB3559

Reactivity: Human, Chicken

Isotype: Mouse IgG1

Applications: WB, IHC, ICC/IF



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Information

UniProt ID: P10415

All Names: BCL2; Apoptosis regulator Bcl-2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 26kDa

Application

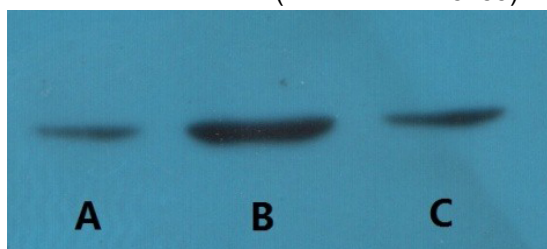
WB: 1/500-1/1000

IHC: 1/50-1/100

ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.P10415. Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1). May attenuate inflammation by impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785).



Western blot analysis of Bcl2 in human breast cancer cell line MCF7(A), MDAMB231(B) and Cal51(C) using Bcl2 antibody.

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