

Datasheet for ABIN7111910 **anti-Bcl-2 antibody**

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Overview

Quantity:	100 µg
Target:	Bcl-2 (BCL2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	B-cell CLL/lymphoma 2
Clone:	8A10
Isotype:	IgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	BCL2 (BCL2 Products)
Background:	Synonyms:Apoptosis regulator Bcl 2, B cell CLL/lymphoma 2, BCL2, Oncogene B cell leukemia 2 Background:Suppresses apoptosis in a variety of cell systems including factor-dependent

Target Details

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).

Molecular Weight: 26 kDa

Gene ID: 596

UniProt: [P10415](#)

Pathways: [MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Skeletal Muscle Fiber Development](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: WB: 1:1000-1:10000, IP: 1:500-1:5000, IHC: 1:100-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months