

Datasheet for ABIN3030096

anti-Bcl-2 antibody (AA 49-76)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 49-76
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 49-76 from the human protein was used as the immunogen for this anti-Bcl-2 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl-2 (BCL2 Products)
Background:	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

Target Details

	caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).
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:	Titration of the anti-Bcl-2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
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:	Aliquot the anti-Bcl-2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Anti-Bcl-2 antibody western blot analysis in HeLa lysate



Western Blotting

Image 2. Anti-Bcl-2 antibody western blot analysis in HeLa lysate