

Datasheet for ABIN567617
anti-Bcl-2 antibody



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2 Images

Overview

Quantity:	0.1 mL
Target:	Bcl-2 (BCL2)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Clone:	AT1B5
Isotype:	IgG2b
Specificity:	The antibody recognizes human and mouse Bcl-2 (B-cell lymphoma protein 2 alpha). Other species not tested.
Purification:	Protein-G affinity chromatography

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	Bcl-2 (BCL2 Products)
Background:	Bcl-2 (B-cell lymphoma protein 2 alpha) is an anti-apoptotic protein located primarily in the outer mitochondrial membrane. It blocks the apoptotic death of some cells such as lymphocytes. BCL-2 is thought to regulate cell death by controlling the mitochondrial

Target Details

membrane permeability during apoptosis. Bcl-2 protein has anti-apoptotic functions through inhibiting caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).Synonyms: Apoptosis regulator Bcl-2, B-Cell CLL/lymphoma 2, BCL2, Bcl-2 alpha

Gene ID:	596
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

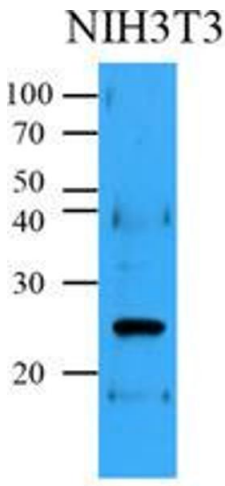
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

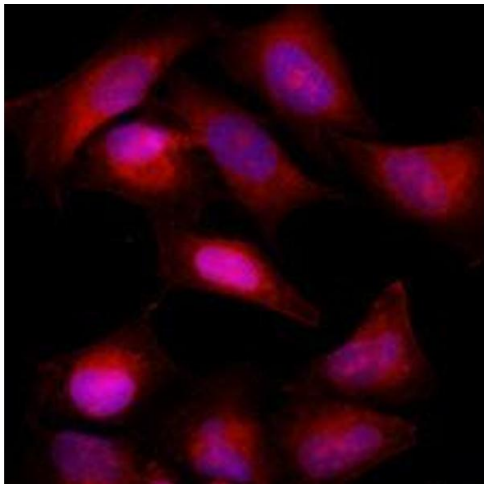
Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Images



Western Blotting

Image 1.



Immunofluorescence

Image 2.