

Datasheet for ABIN7531542
anti-Bcl-2 antibody (AA 1-100)



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7 Images

Overview

Quantity:	20 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Bcl-2 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Bcl-2 (NP_000624.2).
Sequence:	MAHAGRTGYD NREIVMKYIH YKLSQRGYEW DAGDVGAAPP GAAPAGIFS SQPGHTPHPA ASRDPVARTS PLQTPAAPGA AAGPALSPVP PVVHLTLRQA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

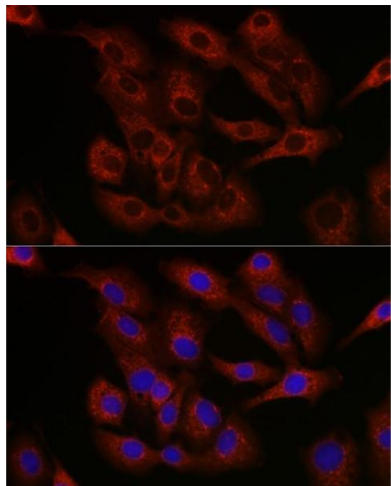
Target:	Bcl-2 (BCL2)
Alternative Name:	BCL2 (BCL2 Products)
Background:	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Alternative splicing results in multiple transcript variants.,Bcl-2,PPP1R50,BCL2,Cancer,Tumor biomarkers,Invasion and Metastasis,Signal Transduction,PI3K-Akt Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Bcl 2 family,Mitochondrial Control of Apoptosis,Inhibition of Apoptosis,Autophagy,Death Receptor Signaling Pathway,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Immunology & Inflammation,Neuroscience,Neurodegenerative Diseases,Stem Cells,BCL2
Molecular Weight:	22kDa/26kDa
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,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

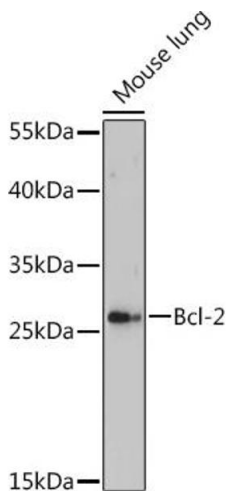
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.



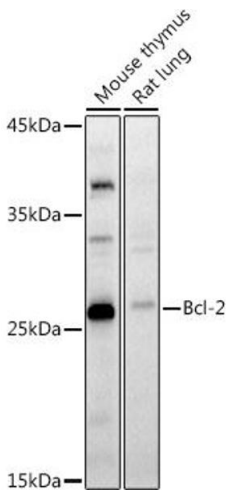
Immunofluorescence

Image 1. Immunofluorescence analysis of A-549 cells using Bcl-2 antibody (ABIN7265813) at dilution of 1:250. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Mouse lung, using Bcl-2 Rabbit pAb (ABIN7265813) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 5s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using Bcl-2 antibody (ABIN7265813) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7531542.