

Datasheet for ABIN7138865
anti-Bcl-2 antibody (pThr56)



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1 Image

Overview

Quantity:	100 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	pThr56
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of threonine 56(G-H-T(p)-P-H) derived from Human BCL-2.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

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

Target Details

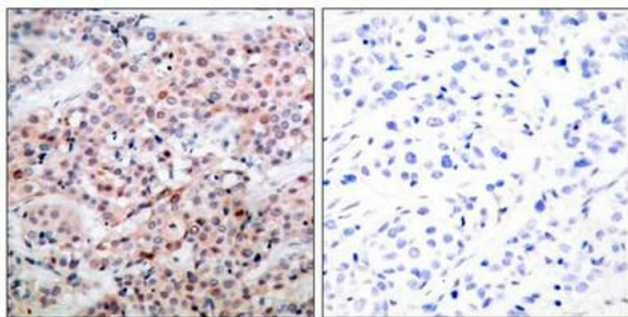
Background:	Background: Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1). Aliases: Apoptosis regulator Bcl 2 antibody; Apoptosis regulator Bcl-2 antibody; Apoptosis regulator Bcl2 antibody; AW986256 antibody; B cell CLL/lymphoma 2 antibody; B cell leukemia/lymphoma 2 antibody; Bcl-2 antibody; Bcl2 antibody; BCL2_HUMAN antibody; C430015F12Rik antibody; D630044D05Rik antibody; D830018M01Rik antibody; Leukemia/lymphoma; B-cell; 2 antibody; Oncogene B-cell leukemia 2 antibody; PPP1R50 antibody; Protein phosphatase 1 regulatory subunit 50 antibody; Protein phosphatase 1; regulatory subunit 50 antibody
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:	IHC:1:50-1:100,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using BCL-2 (phospho-Thr56) antibody.