

Datasheet for ABIN968975

anti-Bcl-2 antibody**3** Images**3** Publications[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Bcl-2 (BCL2)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), ELISA, Immunocytochemistry (ICC)

Product Details

Purpose:	BCL-2 Antibody
Immunogen:	Synthetic peptide corresponding to residues surrounding BCL-2, conjugated to KLH.
Clone:	8E12
Isotype:	IgG1
Purification:	Ascitic fluid

Target Details

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

Target Details

	of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Tissue specificity: Expressed in a variety of tissues.
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:	ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/200 - 1/1000
Restrictions:	For Research Use only

Handling

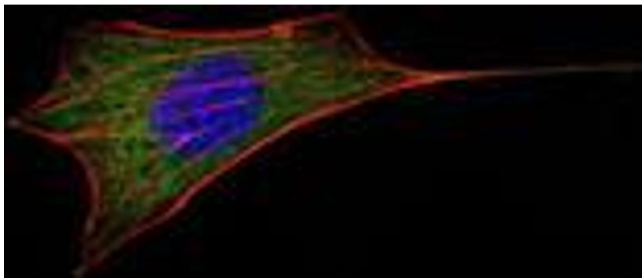
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Publications

Product cited in:	Choi, Feng, Yoon: "FKBP38 protects Bcl-2 from caspase-dependent degradation." in: The Journal of biological chemistry , Vol. 285, Issue 13, pp. 9770-9, (2010) (PubMed).
	Munda, Hajdinjak, Kavalari, Stiblar Martincic: "p53, Bcl-2 and AgNOR tissue markers: model approach in predicting prostate cancer characteristics." in: The Journal of international medical research , Vol. 37, Issue 6, pp. 1868-76, (2010) (PubMed).

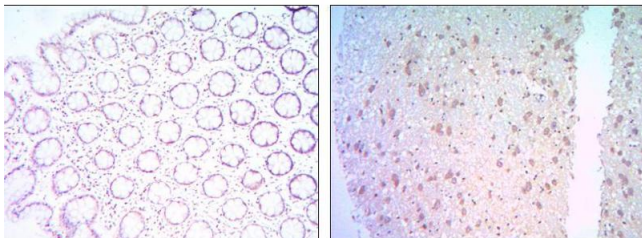
Murphy, Green, Adams, Squire, Kuo, McKay: "Pharmacogenomics in the curricula of colleges and schools of pharmacy in the United States." in: **American journal of pharmaceutical education**, Vol. 74, Issue 1, pp. 7, (2010) ([PubMed](#)).

Images



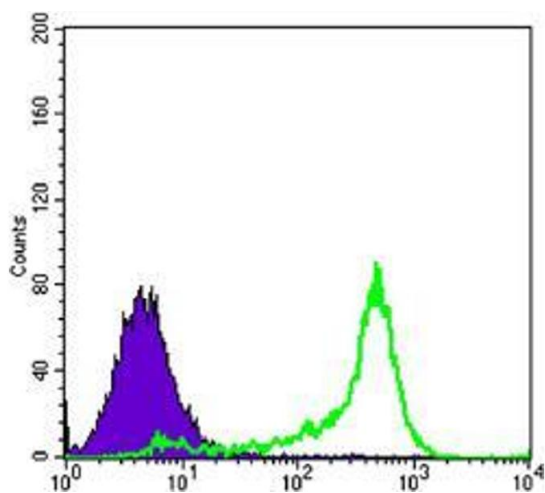
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using BCL-2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded colon cancer tissues (left) and human brain tissues (right) using BCL-2 mouse mAb with DAB staining.



Flow Cytometry

Image 3. Flow cytometric analysis of 3T3L1 cells using BCL-2 mouse mAb (green) and negative control (purple).