Datasheet for ABIN1881107

anti-Bcl-2 antibody (AA 144-171)

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Overview

Quantity:	400 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 144-171
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This BCL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-171 amino acids from the Central region of human BCL2.
Clone:	RB41153
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Ha, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

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

Target Details

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. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. [provided by RefSeq].
Molecular Weight:	26266
NCBI Accession:	NP_000624
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

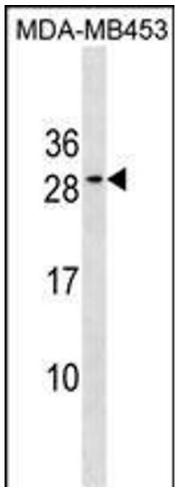
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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
Expiry Date:	6 months

Publications

Product cited in:	Feng, Stachura, White, Gutierrez, Zhang, Sanda, Jette, Testa, Neuberg, Langenau, Kutok, Zon, Traver, Fleming, Kanki, Look: "T-lymphoblastic lymphoma cells express high levels of BCL2, S1P1, and ICAM1, leading to a blockade of tumor cell intravasation." in: **Cancer cell**, Vol. 18, Issue 4, pp. 353-66, (2010) (PubMed).



Western Blotting

Image 1. BCL2 Antibody (Center) (ABIN1881107 and ABIN2838645) western blot analysis in MDA-M cell line lysates (35 µg/lane).This demonstrates the BCL2 antibody detected the BCL2 protein (arrow).