Datasheet for ABIN1881106

anti-Bcl-2 antibody (pThr56)

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Overview

Quantity:	400 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	pThr56
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This bcl-2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T56 of human bcl-2.
Clone:	RB30611
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Target Details

	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

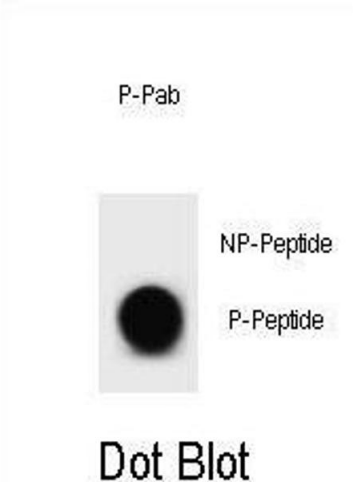
Application Notes:	DB: 1:500
Restrictions:	For Research Use only

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).



Dot Blot

Image 1. Dot blot analysis of bcl-2 Antibody (Phospho T56) Phospho-specific Pab (ABIN1881106 and ABIN2839946) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6 µg per ml.