

Datasheet for ABIN3030098
anti-Bcl-2 antibody (pSer70)



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3 Images

Overview

Quantity:	0.4 mL
Target:	Bcl-2 (BCL2)
Binding Specificity:	pSer70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Dot Blot (DB)

Product Details

Immunogen:	This phospho-Bcl-2 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS70 of human Bcl-2.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

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. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. [provided by RefSeq].

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: Titration of the phospho-Bcl-2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Dot blot: 1:500,Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

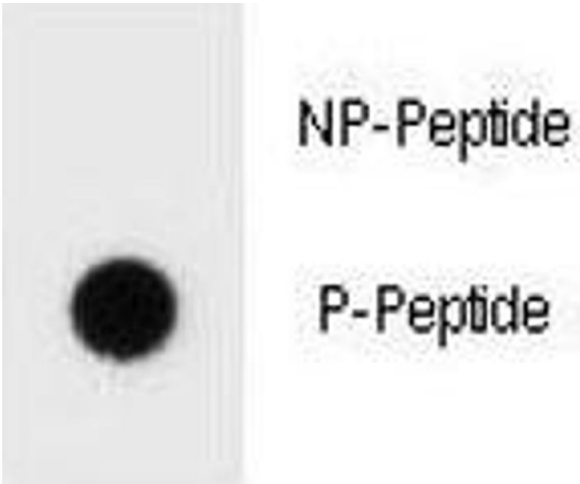
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

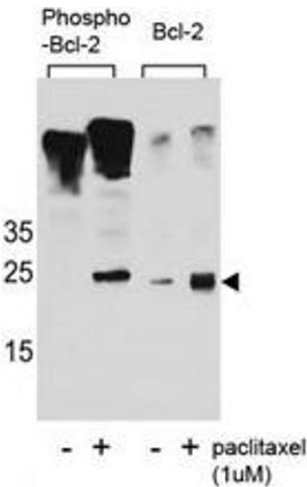
Storage: -20 °C

Storage Comment: Aliquot the phospho-Bcl-2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



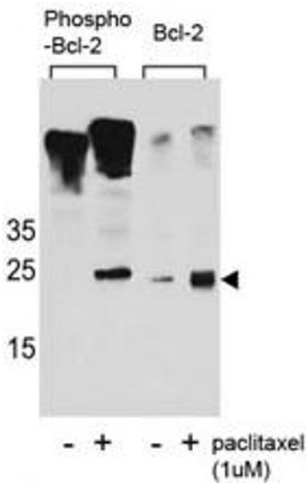
Dot Blot

Image 1. Dot blot analysis of phospho-Bcl-2 antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.



Western Blotting

Image 2. Western blot analysis of extracts from Jurkat cells, untreated or treated with Paclitaxel, using phospho Bcl-2 antibody (left) or nonphos Ab (right).



Western Blotting

Image 3. Western blot analysis of extracts from Jurkat cells, untreated or treated with Paclitaxel, using phospho Bcl-2 antibody (left) or nonphos Ab (right).