

## BCL-2 (Phospho-Ser87) Antibody

Catalog No: #11942

Package Size: #11942-1 50ul #11942-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

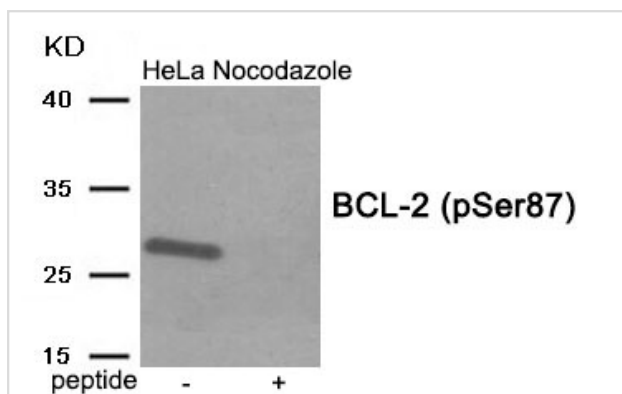
## Description

Product Name	BCL-2 (Phospho-Ser87) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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 non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of BCL-2 only when phosphorylated at serine 87.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 87 (A-L-S(p)-P-V) derived from Human BCL-2.
Target Name	BCL-2
Modification	Phospho
Other Names	Apoptosis regulator Bcl-2; BCL2;
Accession No.	Swiss-Prot#: P10415; NCBI Gene#: 596; NCBI Protein#: NP_000624.2
Uniprot	P10415
GeneID	596;
SDS-PAGE MW	28kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from HeLa cells treated with Nocodazole using Phospho-BCL-2 (Ser87) antibody #11942. The lane on the right is treated with the antigen-specific peptide.

## Background

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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).

Nencioni L, et al. (2009) *J Biol Chem* 284, 16004-15.

Pattingre S, et al. (2009) *J Biol Chem* 284,

2719-28. Wei Y, et al. (2008) *Mol Cell* 30, 678-88.

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Note: This product is for in vitro research use only