

BCL-2 (Phospho-Thr69) Antibody

Catalog No: #12036

Package Size: #12036-1 50ul #12036-2 100ul

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Description

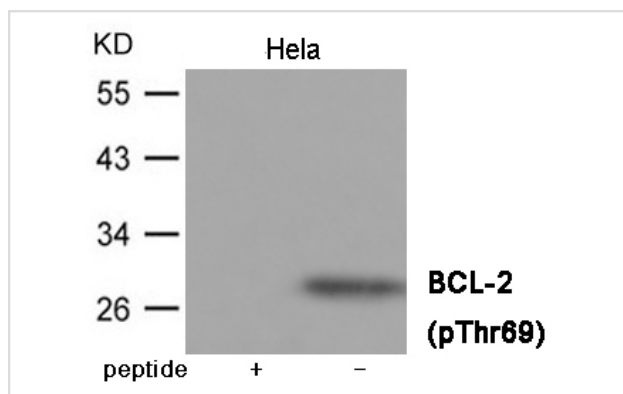
Product Name	BCL-2 (Phospho-Thr69) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific 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 Threonine 69.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Threonine 69 (A-R-T(p)-S-P) derived from Human BCL-2.
Target Name	BCL-2
Modification	Phospho
Other Names	PPP1R50, BCL2
Accession No.	Swiss-Prot#: P10415; NCBI Gene#: 596; NCBI Protein#: NP_000624.2
SDS-PAGE MW	26kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Predicted MW: 26kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HeLa cells using BCL-2 (Phospho-Thr69) Antibody #12036. The lane on the left is treated with the antigen-specific peptide.

Background

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.