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## Bcl-2 Antibody Blocking Peptide

Catalog Number: bs-0032P

Activity: Not tested

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The Bcl-2 gene was isolated at the chromosomal breakpoint of t(14;18)-bearing follicular B cell lymphomas(1,2).Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal (3,5).Bcl-2 appears to function in several subcellular locations yet lacks any known motifs that would confer insight into its mechanism of action (6,7).A more recently identified protein,designated Bax p21(i.e., Bcl-associated X protein ),has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2(8). Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line and Bax also counters the death repressor activity of Bcl-2(8).

### PRODUCT SPECIFIC PUBLICATIONS

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**[IF=0.754]** Su XY et al. Chemoprotective Effects of Resveratrol Against Diethylnitrosamine Induced Hepatocellular Carcinoma in Wistar Rats. Int. J. Pharmacol.,2019 15 (5): 549-559. Other ; .  
DOI:10.3923/ijp.2019.549.559