



BCL2 blocking peptide (CDBP5176)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 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, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	BCL2 B-cell CLL/lymphoma 2 [Homo sapiens (human)]
Official Symbol	BCL2
Synonyms	BCL2; B-cell CLL/lymphoma 2; Bcl-2; PPP1R50; apoptosis regulator Bcl-2; protein phosphatase 1, regulatory subunit 50
Entrez Gene ID	596
mRNA Refseq	NM_000633

Protein Refseq	NP_000624
UniProt ID	P10415
Pathway	ATF-2 transcription factor network; Activation of BAD and translocation to mitochondria; Activation of BH3-only proteins; Adrenergic signaling in cardiomyocytes; Amyotrophic lateral sclerosis (ALS); Apoptosis; Apoptosis Modulation and Signaling; B Cell Receptor Signaling Pathway
Function	BH3 domain binding; channel activity; channel inhibitor activity; identical protein binding; protease binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein phosphatase 2A binding; sequence-specific DNA binding; transcription factor binding; ubiquitin protein ligase binding