



# Human Bcl2 blocking peptide (CDBP0579)

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

## PRODUCT INFORMATION

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| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-BCL2 antibody  |
| <b>Antigen Description</b> | 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. |
| <b>Species</b>             | Human   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | Apuri, BL, ELISA  |
| <b>Format</b>              | Lyophilized powder  |
| <b>Size</b>                | 100 µg  |
| <b>Preservative</b>        | None  |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.   |

## GENE INFORMATION

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|------------------------|--|
| <b>Gene Name</b>       | <a href="#">BCL2 B-cell CLL/lymphoma 2 [ Homo sapiens ]</a>  |
| <b>Official Symbol</b> | Bcl2   |
| <b>Synonyms</b>        | BCL2; B-cell CLL/lymphoma 2; apoptosis regulator Bcl-2; Bcl 2; PPP1R50; protein phosphatase 1; regulatory subunit 50; protein phosphatase 1, regulatory subunit 50; Bcl-2; |
| <b>Entrez Gene ID</b>  | <a href="#">596</a>  |

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| <b>mRNA Refseq</b>         | <a href="#">NM_000633</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_000624</a>  |
| <b>UniProt ID</b>          | P10415   |
| <b>Chromosome Location</b> | 18q21.3  |
| <b>Pathway</b>             | ATF-2 transcription factor network, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; |
| <b>Function</b>            | BH3 domain binding; channel activity; identical protein binding; protease binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein phosphatase 2A binding; sequence-specific DNA binding; transcription factor  |