

Bcl-xL Blocking Peptide
Catalog # PBV10130b**Specification**

Bcl-xL Blocking Peptide - Product Information

Primary Accession	Q64373
Other Accession	L35049
Gene ID	561740
Calculated MW	26132

Bcl-xL Blocking Peptide - Additional Information**Gene ID** 12048**Application & Usage**

The peptide is used for blocking the antibody activity of Bcl-xL. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Target/Specificity

Bcl-xL

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Bcl-xL Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Bcl-xL Blocking Peptide - Protein Information**Name** Bcl2l1**Synonyms** Bcl2l, Bclx**Function**

Potent inhibitor of cell death. Inhibits activation of caspases. Appears to regulate cell death by blocking the voltage- dependent anion channel (VDAC) by binding to it and preventing the release of the caspase activator, CYC1, from the mitochondrial membrane. Also acts as a regulator of G2 checkpoint and progression to cytokinesis during mitosis.

Cellular Location

Mitochondrion membrane; Single-pass membrane protein. Nucleus membrane; Single-pass membrane protein; Cytoplasmic side Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Localizes to the centrosome when phosphorylated at Ser-49 [Isoform Bcl-X(delta-TM)]: Cytoplasm.

Tissue Location

Widely expressed, with highest levels in the brain, thymus, bone marrow, and kidney. Bcl-X(L) and Bcl-X(delta-TM) expression is enhanced in B- and T-lymphocytes that have been activated.

Bcl-xL Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Bcl-xL Blocking Peptide - Images