

AP00149CP-N**Bcl-2-like 5 control peptide****Alternate names:**

BCL2A1, BCL2L5, BFL1, Bcl-2-like protein 5, Bcl-2-related protein A1, GRS, HBPA1, Hemopoietic-specific early response protein, Protein BFL-1

Quantity:

50 µg

Concentration:

0.2 mg/ml

Background:

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells and is caused by caspase activation. Proteins that comprise the Bcl-2 family appear to control the activation of these enzymes. One such member is multi-domain antiapoptotic protein Bcl2A1, which is overexpressed in stomach and other cancers. Bcl2A1 can interact with Bax and suppress apoptosis by inhibiting the release of cytochrome c and caspase-3 activation. It is upregulated in cisplatin-resistant human bladder tumor, suggesting that its expression may be important for cisplatin resistance and inhibition of apoptosis in cancer cells. At least two isoforms of Bcl2A1 are known to exist.

Uniprot ID:

[Q16548](#)

NCBI:

[NP_004040.1](#)

GeneID:

[597](#)

Format:

State: Liquid peptide

Buffer System: PBS, pH 7.2, containing 0.1 % BSA and 0.02 % thimerosal

Applications:

Western blot: It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Control peptide for antibody AP00149PU-N only.

Storage:

Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.