

Bcl-B Polyclonal Antibody

CATALOG #: 3695-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

IMMUNOGEN: Synthetic peptide surrounding amino acid 10 of human Bcl-B (ID# BV-136).

SPECIES REACTIVITY: human, rat

FORMULATION:

100 µg (0.5 mg/ml) Protein A affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Bcl-B (also called Bcl2-L-10) is a novel anti-apoptotic member of the Bcl-2 family. Bcl-B is closest in amino acid sequence homology to Boo protein. It contains four Bcl-2 homologs. Bcl-B mRNA is widely expressed in adult human tissues. The Bcl-B protein binds to Bcl-2, Bcl-X(L), and Bax but not Bak. Bcl-B suppresses apoptosis induced by Bax, but not by Bak.

SPECIFICITY:

The antibody recognizes 21 kDa Bcl-B from samples of human and rat origins. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Jurkat cell lysate (Cat.# 2401-100) and rat kidney tissue lysate (Cat.# 2702-100) can be used as positive controls. Blocking peptide (Cat.# 3695BP-50) is also available separately.

USAGE: For Research Use Only. Not to be used in humans.

WARRANTY: Warranty information can be found in www.biovision.com.

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