

Datasheet for 600-401-Z47**BCL-B Antibody****Overview**

Description:	Anti-BCL-B (RABBIT) Antibody - 600-401-Z47
Item No.:	600-401-Z47
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-B is a recently discovered anti-apoptotic member of the Bcl-2. Unlike the mouse homolog (also known as Diva/Boo) which is predominantly expressed in ovary and testis, the human Bcl-B protein is widely expressed. Also, the human Bcl-B functions by binding to and suppressing the apoptotic activity of Bax, whereas the mouse homolog binds Bak and also interacts with the apoptosis protein Apaf-1.
Synonyms:	Bcl-B Antibody, Boo, Diva, BCL-B, BCLB, Bcl-2-like protein 10, Anti-apoptotic protein NrH, Bcl2-L-10
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	BCL2L10
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Bcl-B antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide from near the N-terminus of human Bcl-B.

Purity/Specificity:	Anti-Bcl-B Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with Bcl-B from other sources has not been determined.
Relevant Links:	• UniProtKB - Q9HD36 • GeneID - 10017 • NCBI - NP_065129

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-Bcl-B Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 22 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
WB:	1 µg/mL

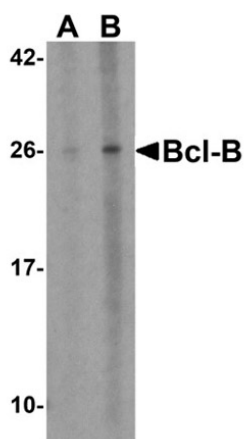
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western blot analysis of Bcl-B.

Load: Jurkat cell lysate.

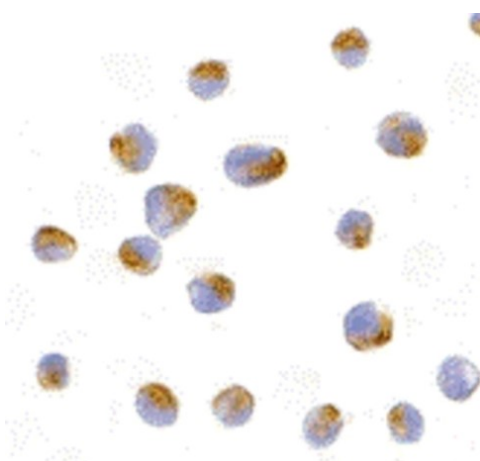
Primary Antibody: Anti-Bcl-B antibody at (A) 1 µg/mL and (B) 2 µg/mL.

Immunocytochemistry

Immunocytochemistry of Bcl-B.

Cell: Jurkat cells.

Primary Antibody: Anti-Bcl-B antibody at 10 µg/mL.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.