

Bcl11b Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q9C0K0

Catalog No. A300-385A

GeneID 64919

Lot No. A300-385A-2



APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Bcl11b immobilized on solid support.

The epitope recognized by A300-385A maps to a region between residue 850 and the C-terminus (residue 894) of human B-cell CLL/lymphoma 11B using the numbering given in entry NP_612808.1 (GeneID 64919).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 - 1:10,000

Immunoprecipitation 2 - 10 µg/mg lysate

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

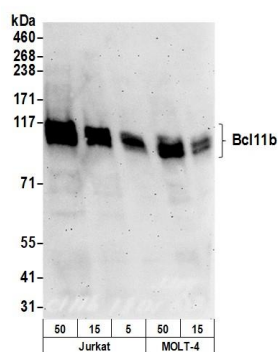
APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

IHC HUMAN CONTROLS Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. Laryngeal Squamous Cell Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Prostate Carcinoma, Skin Basal Cell Carcinoma, Skin Squamous Cell Carcinoma, Testicular Seminoma

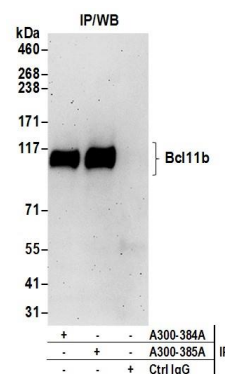
ADDITIONAL INFO <https://www.bethyl.com/product/A300-385A>

Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

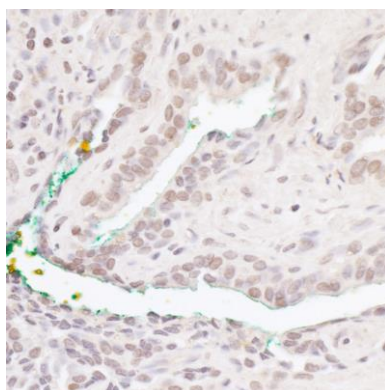
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human Bcl11b by western blot. *Samples:* Whole cell lysate (50, 15, 5 µg) from Jurkat and (50, 15 µg) MOLT-4 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Bcl11b antibody A300-385A (lot A300-385A-2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Bcl11b by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using RIPA lysis buffer. *Antibodies:* Affinity purified rabbit anti-Bcl11b antibody A300-385A (lot A300-385A-2) used for IP at 6 µg per reaction. Bcl11b was also immunoprecipitated by rabbit anti-Bcl11b antibody A300-384A. For blotting immunoprecipitated Bcl11b, A300-385A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Bcl11b by immunohistochemistry. *Sample:* FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-Bcl11b (Cat. No. A300-385A Lot2) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB