Bcl-2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_000624.2

Catalog No. A303-675A GeneID 596

Lot No. A303-675A-1

APPLICATIONS IP, IHC
SPECIES REACTIVITY Human
AMOUNT 100 μI

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 Bcl-2 immobilized on solid support.

The epitope recognized by A303-675A maps to a region between residue 50 and 100 of human

B-cell CLL/lymphoma 2 using the numbering given in entry NP_000624.2 (GeneID 596).

Antibody 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 Not recommended. A303–675A has not performed satisfactorily when

used for WB of Bcl-2 in crude preparations (e.g. whole cell lysate).

This antibody can be used for WB of enriched (e.g.

immunoprecipitated) sources of Bcl-2.

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 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

IHC HUMAN CONTROLS Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A303-675A

Use the link above to view SDS, a current list of citations, and other product specific information.

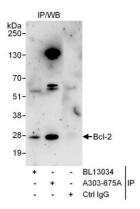
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



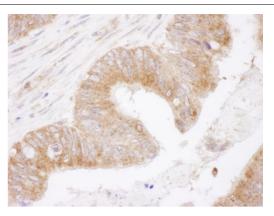
Bcl-2 Antibody A303-675A



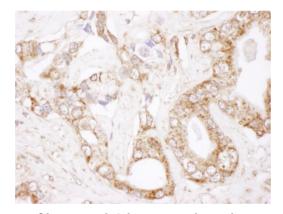
Detection of human Bcl-2 by western blot of

immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-Bcl-2 antibody A303-675A used for IP at 6 μ g/mg lysate. Bcl-2 was also immunoprecipitated by rabbit anti-Bcl-2 antibody BL13035, which recognizes an upstream epitope. For blotting immunoprecipitated Bcl-2, A303-675A was used at 1 μ g/ml. Detection:

Chemiluminescence with an exposure time of 3 minutes.



Detection of human Bcl-2 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti- Bcl-2 (Cat. No. A303-675A Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB



Detection of human Bcl-2 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti- Bcl-2 (Cat. No. A303-675A Lot1) used at a dilution of 1:1,000 (1µg/ml).

Detection: DAB