

CD79B Recombinant Monoclonal Antibody [BLR229K]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000617.1
Catalog No.	A700-229	Uniprot ID	P40259
Lot No.	A700-229-1	GeneID	974

APPLICATIONS WB, IP, IHC, ICC, Flow Cyt

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 µl (50+ tests)

CONCENTRATION 250 µg/ml

STORAGE/SHELF LIFE 2 – 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

CLONE # BLR229K

ORIGIN USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 200 and 250 of human B-cell antigen receptor complex-associated protein beta chain (aka CD79B) using the numbering given in entry NP_000617.1 (Gene ID 974).

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 1:1,000

Immunoprecipitation 20 µl/1 mg lysate

Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.

Flow Cytometry Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10⁶ cells.

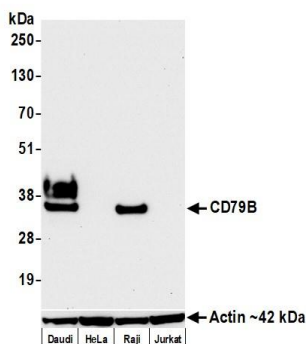
IHC HUMAN CONTROLS Appendix, Burkitt Lymphoma, Tonsil, Daudi Cells, Raji Cells, Ramos Cells

IHC MOUSE CONTROLS Spleen, CH27 Cells, WEHI-231 Cells

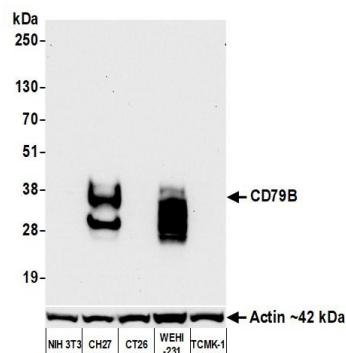
ADDITIONAL INFO <https://www.fortislifesciences.com/p/A700-229>

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

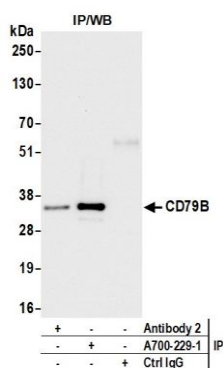
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: September 29, 2022



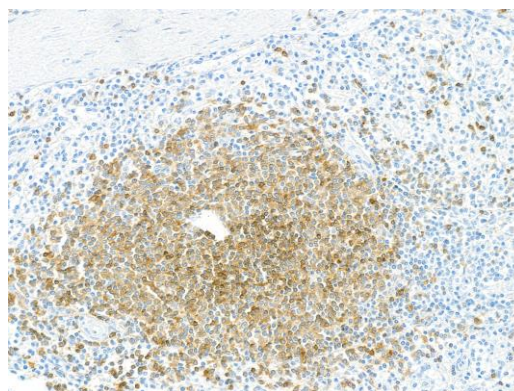
Detection of human CD79B by western blot. *Samples:* Whole cell lysate (50 µg) from Daudi, HeLa, Raji, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



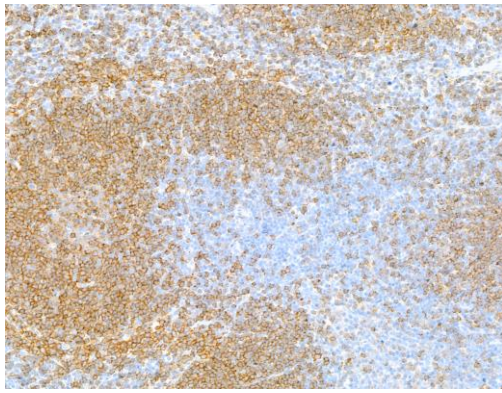
Detection of mouse CD79B by western blot. *Samples:* Whole cell lysate (50 µg) from NIH 3T3, CH27, CT26, WEHI-231, and TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of human CD79B by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Raji cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229 lot 1) used for IP at 20 µl/mg lysate. CD79B was also immunoprecipitated by a second antibody against a different epitope of CD79B (Antibody 2). For blotting immunoprecipitated CD79B, A700-229 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.



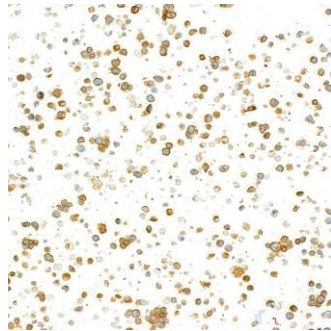
Detection of human CD79B by immunohistochemistry. *Sample:* FFPE section of human spleen. *Antibody:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



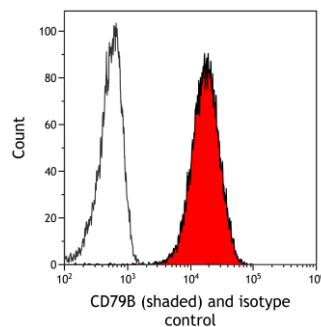
Detection of mouse CD79B by immunohistochemistry.
Sample: FFPE section of mouse spleen. *Antibody:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human CD79B by immunocytochemistry.
Sample: FFPE section of daudi cells. *Antibody:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse CD79B by immunocytochemistry. *Sample:* FFPE section of CH27 cells. *Antibody:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human CD79B (shaded) in Daudi cells by flow cytometry. *Antibody:* Rabbit anti-CD79B recombinant monoclonal antibody [BLR229K] (A700-229) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).