

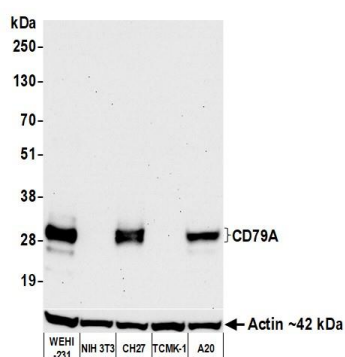
CD79A Recombinant Monoclonal Antibody [BLR233K]

Rabbit Recombinant Monoclonal

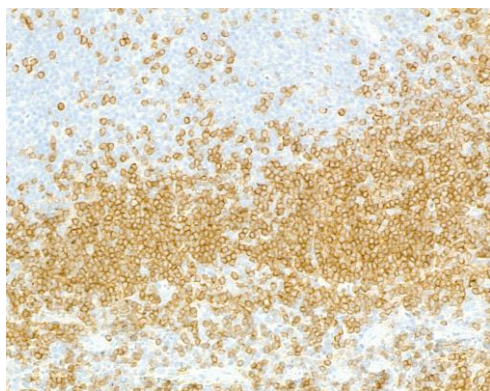
Purified		RefSeq ID	NP_031681.2
Catalog No.	A700-233	Uniprot ID	P11911
Lot No.	1	GeneID	12518

APPLICATIONS	WB, IP, IHC, ICC, Flow Cyt
SPECIES REACTIVITY	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 #	BLR233K
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 170 and the C-terminus (residue 220) of human B-cell antigen receptor complex-associated protein alpha chain (aka CD79A) using the numbering given in entry NP_001774.1 (Gene ID 12518).
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 1:1000 Immunoprecipitation 20 µl/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 10 ⁶ cells.
APPLICATION NOTES	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight. Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P). Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.
IHC MOUSE CONTROLS	Spleen, CH27 Cells, WEHI-231 Cells
ADDITIONAL INFO	https://www.fortislife.com/p/A700-233 Use the link above to view SDS, a current list of citations, and other product specific information.

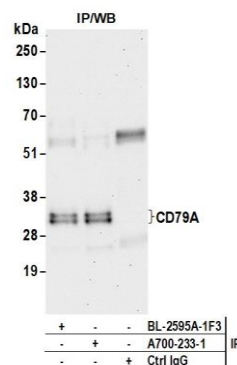
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: April 19, 2024



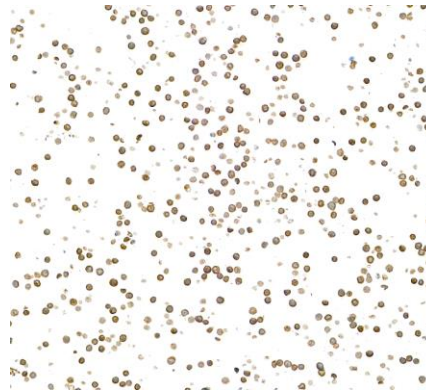
Detection of mouse CD79A by western blot. *Samples:* Whole cell lysate (10 µg) from WEHI-231, NIH 3T3, CH27, TCMK-1, and A20 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD79A recombinant monoclonal antibody [BLR233K] (A700-233 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



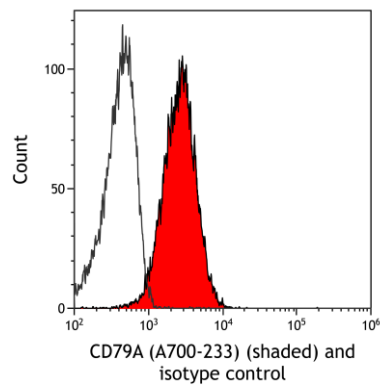
Detection of mouse CD79A by immunohistochemistry. *Sample:* FFPE section of mouse spleen. *Antibody:* Rabbit anti-CD79A recombinant monoclonal antibody [BLR233K] (A700-233-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse CD79A by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from CH27 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD79A recombinant monoclonal antibody [BLR233K] (A700-233 lot 1) used for IP at 20 µl/mg lysate. CD79A was also immunoprecipitated by rabbit anti-CD79A antibody Brother. For blotting immunoprecipitated CD79A, A700-233 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of mouse CD79A by immunocytochemistry. *Sample:* FFPE section of WEHI-231 cells. *Antibody:* Rabbit anti-CD79A recombinant monoclonal antibody [BLR233K] (A700-233-1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of mouse CD79A (shaded) in A20 cells by flow cytometry. *Antibody:* Rabbit anti-CD79A recombinant monoclonal antibody [BLR233K] (A700-233) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).