

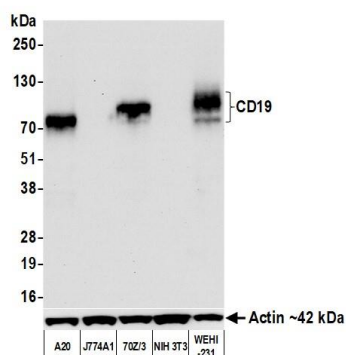
# CD19 Recombinant Monoclonal Antibody [BLR208K]

## Rabbit Recombinant Monoclonal

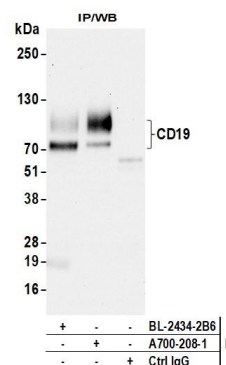
Purified		RefSeq ID	NP_033974.2
Catalog No.	A700-208-T	Uniprot ID	P25918
Lot No.	1	GeneID	12478

<b>APPLICATIONS</b>	WB, IP, IHC, ICC
<b>SPECIES REACTIVITY</b>	Mouse
<b>AMOUNT</b>	10 µl (5+ tests)
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR208K
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Recombinant antibody was purified from cell culture supernatant.  Immunogen was a recombinant protein representing the extracellular domain of mouse B-lymphocyte antigen CD19 (residues 19–287, NP_033974.2).
<b>APPLICATIONS</b>	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 6 µl/mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
<b>APPLICATION NOTES</b>	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.
<b>IHC MOUSE CONTROLS</b>	Bone Marrow, Spleen, 7OZ/3 Cells, A20 Cells, CH27 Cells, WEHI-231 Cells
<b>ADDITIONAL INFO</b>	<a href="https://www.fortislifesciences.com/p/A700-208-T">https://www.fortislifesciences.com/p/A700-208-T</a> Use the link above to view SDS, a current list of citations, and other product specific information.

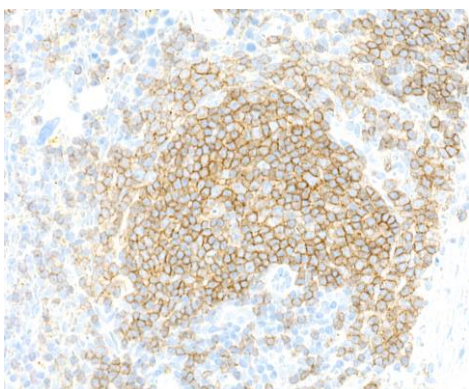
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: May 6, 2024



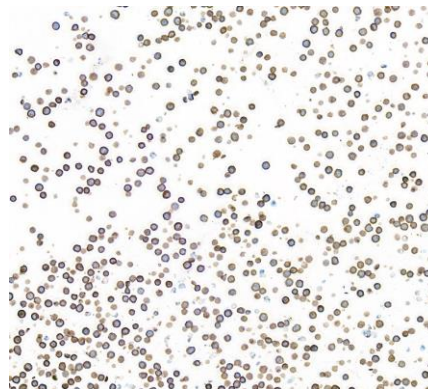
**Detection of mouse CD19 by western blot.** *Samples:* Whole cell lysate (25 µg) from A20, J774A1, 70Z/3, NIH 3T3, and WEHI-231 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD19 recombinant monoclonal antibody [BLR208K] (A700-208 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



**Detection of mouse CD19 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from WEHI-231 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD19 recombinant monoclonal antibody [BLR208K] (A700-208 lot 1) used for IP at 6 µl/mg lysate. CD19 was also immunoprecipitated by a second antibody against a different epitope of CD19 (BL-2434-2B6). For blotting immunoprecipitated CD19, A700-208 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



**Detection of mouse CD19 by immunohistochemistry.** *Sample:* FFPE section of mouse spleen. *Antibody:* Rabbit anti-mouse CD19 recombinant monoclonal antibody [BLR208K] (A700-208 Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



**Detection of mouse CD19 by immunocytochemistry.** *Sample:* FFPE section of WEHI-231 cells. *Antibody:* Rabbit anti-mouse CD19 recombinant monoclonal antibody [BLR208K] (A700-208 Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).