

CD20 Monoclonal Antibody [L26]

Mouse Monoclonal

Purified		Protein ID	P11836
Catalog No.	A500-017A	GeneID	931
Lot No.	A500-017A-1		



APPLICATIONS	WB, IHC, IHC-IF, F, mIF
SPECIES REACTIVITY	Human
AMOUNT	100 µl (50+ tests)
CONCENTRATION	300 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG2a
CLONE #	L26
ORIGIN	USA
PRODUCTION PROCEDURES	The antibody was purified from cell culture supernatant.

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

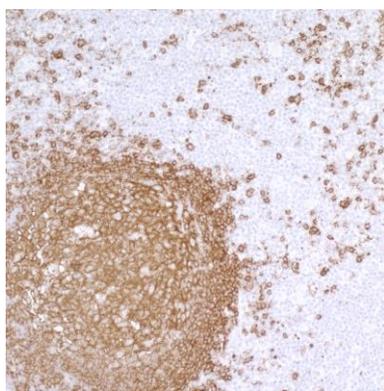
Western Blot	1:1000
Immunohistochemistry	1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Immunofluorescence (IHC)	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Flow Cytometry	0.3 µl per 1 X 10 ⁶ cells
Multiplex Immunofluorescence	1:250

APPLICATION NOTES Validation by western blot was performed using a 4–8% SDS–PAGE.

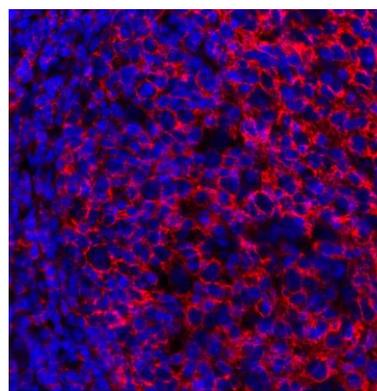
IHC HUMAN CONTROLS Bone Marrow, Spleen, Tonsil, Tumor-infiltrating Lymphocytes, Ramos Cells

ADDITIONAL INFO <https://www.bethyl.com/product/A500-017A>
Use the link above to view SDS, a current list of citations, and other product specific information.

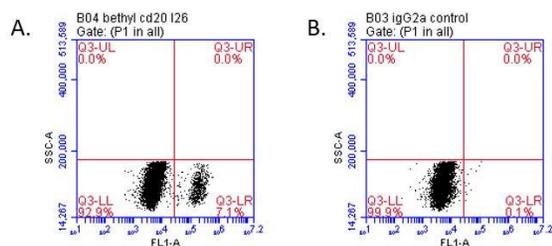
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 25, 2019



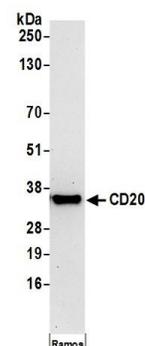
Detection of human CD20 by immunohistochemistry.
Sample: FFPE section of human tonsil. *Antibody:* Mouse monoclonal anti-CD20 antibody [L26] (A500-017A lot1) used at a dilution of 1:500. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.



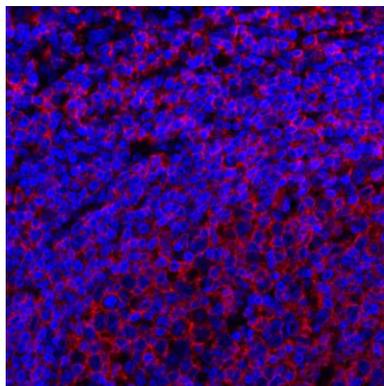
Detection of human CD20 by immunohistochemistry.
Sample: FFPE section of human tonsil. *Antibody:* Mouse monoclonal anti-CD20 antibody [L26] (A500-017A lot 1) used at 1:250. *Secondary:* DyLight® 594-conjugated goat anti-mouse IgG (A90-116D4).



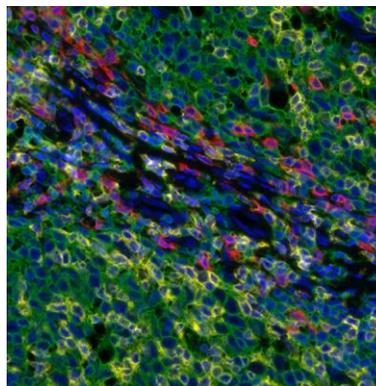
Flow cytometric detection of CD20 in human whole blood. Human whole blood was fixed in 4% formaldehyde. Red blood cells were lysed, and the sample was treated with 50% methanol. 1×10^6 cells were incubated with 0.3 μ l of mouse monoclonal anti-CD20 [L26] (A500-017A lot 1) (A) or 0.1 μ g mouse IgG2a isotype control (B). Antibody binding was detected with 0.1 μ g DyLight® 488-conjugated goat anti-mouse IgG (A90-116D2).



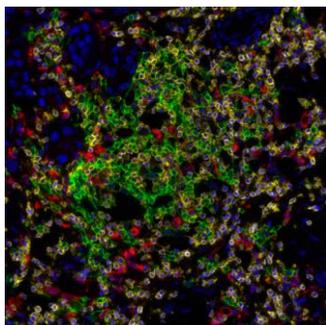
Detection of human CD20 by western blot. *Samples:* Nuclear extract (50 μ g) from Ramos cells prepared using NETN lysis buffer. *Antibody:* Mouse monoclonal anti-CD20 antibody [L26] (A500-017A lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 30 seconds.



Detection of human CD20 (red) by immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Mouse anti-CD20 monoclonal antibody [L26] (A500-017A lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* Opal™. *Counterstain:* DAPI (blue).



Detection of human CD3E (yellow), CD8 alpha (red), and CD20 (green) in FFPE tonsil by IHC-IF. Rabbit anti-CD3E recombinant monoclonal [BL-298-5D12] (A700-016), rabbit anti-CD8 alpha recombinant monoclonal [BLR044F] (A700-044), mouse anti-CD20 monoclonal [L26] (A500-017A). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P) and HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* Opal™ 520, 620, and 690. *Counterstain:* DAPI (blue).



Detection of human CD3E (yellow), CD68 (red), and CD20 (green) in FFPE lung carcinoma by IHC-IF. Rabbit anti-CD3E recombinant monoclonal [BL-298-5D12] (A700-016), mouse anti-CD68 monoclonal [KP-1] (A500-018A) and mouse anti-CD20 monoclonal [L26] (A500-017A). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P) and HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* Opal™ 520, 620, and 690. *Counterstain:* DAPI (blue).