

CD20 Monoclonal Antibody [L26]

Mouse Monoclonal

Purified		RefSeq ID	NP_690605.1
Catalog No.	A500-017A-T	Uniprot ID	P11836
Lot No.	A500-017A-T-2	GeneID	931

APPLICATIONS WB, IHC, IHC-IF, Flow Cyt, mIF

SPECIES REACTIVITY Human

AMOUNT 10 µl (5+ 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) pH 8.2 with 0.1% BSA and 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 - 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

Flow Cytometry Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.25 µl per 1 x 10⁶ cells.

Multiplex Immunofluorescence 1:250

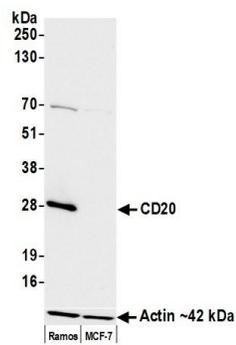
APPLICATION NOTES Validation by western blot was performed using a 4-8% SDS-PAGE.

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

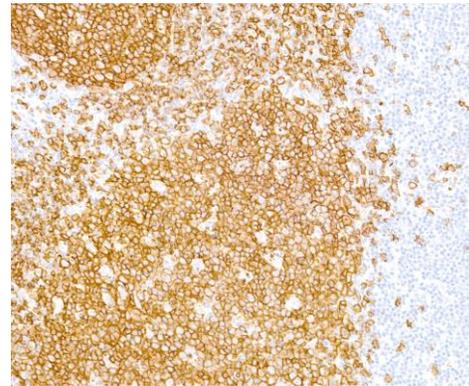
ADDITIONAL INFO <https://www.fortislifecom.com/p/A500-017A-T>

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

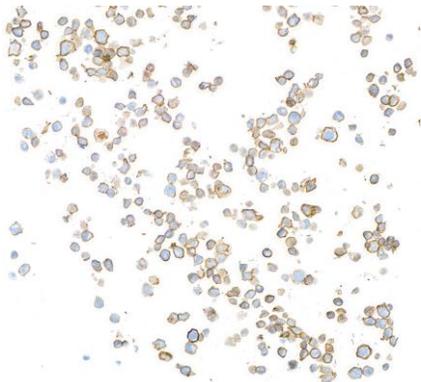
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: December 21, 2022



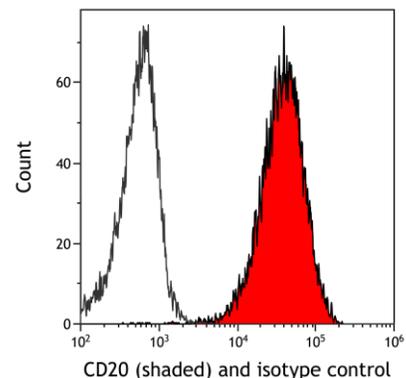
Detection of human CD20 by western blot. *Samples:* Whole cell lysate (25 μ g) from Ramos and MCF-7 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-CD20 monoclonal antibody [L26] (A500-017A lot 2) used at 1:1000. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



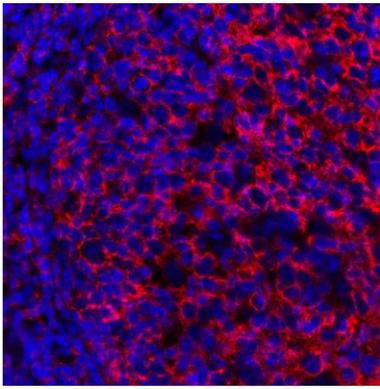
Detection of Human CD20 by Immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Purified mouse monoclonal anti-CD20 (Clone L26) antibody (A500-017 Lot2) used at a dilution of 1:500. *Detection:* DAB. Counterstain: IHC Hematoxylin (blue).



Detection of Human CD20 by Immunocytochemistry. *Sample:* FFPE section of VLN3G2 cells. *Antibody:* Purified mouse monoclonal anti-CD20 (Clone L26) antibody (A500-017 Lot2) used at a dilution of 1:500. *Detection:* DAB. Counterstain: IHC Hematoxylin (blue).

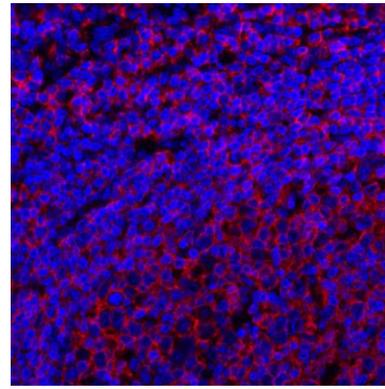


Detection of human CD20 (shaded) in Raji cells by flow cytometry. *Antibody:* Mouse anti-CD20 monoclonal antibody [L26] (A500-017A lot 2) or isotype control (unshaded). *Secondary:* DyLight[®] 488-conjugated goat anti-mouse IgG (A90-116D2).



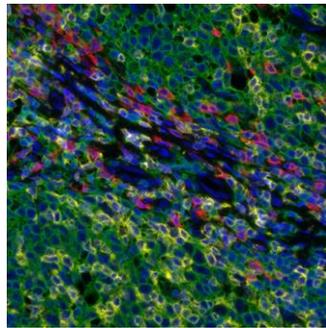
Detection of human CD20 by immunohistochemistry.

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



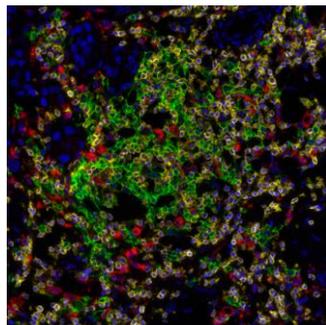
Detection of human CD20 (red) by immunohistochemistry.

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).