

CD20 Monoclonal Antibody (L26), eFluor 660, eBioscience

Product Details	
Size	100 µg
Species Reactivity	Cynomolgus Monkey, Human, Rhesus monkey
Published Species	Human
Host/Isotype	Mouse / IgG2a, kappa
Recommended Isotype Control	Mouse IgG2a kappa Isotype Control (eBM2a), eFluor 660, eBioscience
Class	Monoclonal
Type	Antibody
Clone	L26
Conjugate	eFluor® 660
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_11150959

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	20 µg/mL	-
Miscellaneous PubMed (Misc)	-	1 Publication
Immunocytochemistry (ICC/IF)	20 µg/mL	1 Publication

Product Specific Information

Description: The monoclonal antibody L26 recognizes human CD20, a two transmembrane spanning protein found on precursor and mature B lymphocytes. Expression is lost upon differentiation to plasma cells. The levels of CD20 are critical in evaluating malignant B lymphocytes including Non-Hodgkin's Lymphoma, and Acute B cell, Chronic Lymphocytic and Hairy-Cell Leukemias. CD20 plays a role in B cell differentiation and activation. The structure of the protein shows a small extracellular loop with the carboxy and amino termini in the cytoplasmic compartment. The L26 antibody recognizes an epitope in the cytoplasmic domain and therefore requires permeabilization of the tissue for staining applications. Unlike many anti-CD20 antibodies that recognize the extracellular domain, the epitope recognized by L26 will not be blocked by therapeutic antibodies to CD20, like Rituximab.

Applications Reported: This L26 antibody has been reported for use in immunohistochemical staining of formalin-fixed paraffin embedded tissue sections.

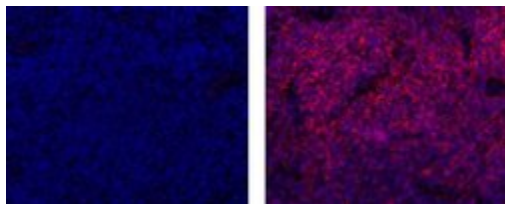
Applications Tested: This L26 antibody has been tested by immunohistochemistry on formalin-fixed paraffin embedded human tonsils using IHC Antigen Retrieval Solution - Low pH (cat. 00-4955).

eFluor® 660 is a replacement for Alexa Fluor® 647. eFluor® 660 emits at 659 nm and is excited with the red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome. This can be used at less than or equal to 20 µg /mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; Emission: 668 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD20 Monoclonal Antibody (L26), eFluor 660, eBioscience



CD20 Antibody (50-0202-82) in IHC (P)

Immunohistochemistry on formalin-fixed paraffin embedded human tonsil, using 20 µg/mL of Mouse IgG2a K Isotype Control eFluor® 660 (left) or 20 µg/mL Anti-Human CD20 eFluor® 660 (right). Nuclei are stained with DAPI.

[View more figures on thermofisher.com](https://www.thermofisher.com)

5 References

Immunohistochemistry (3)

JCI insight

Heterogeneous fibroblasts underlie age-dependent tertiary lymphoid tissues in the kidney.

"Published figure using CD20 monoclonal antibody (Product # 50-0202-82) in Immunofluorescence"

Authors: Sato Y, Mii A, Hamazaki Y, Fujita H, Nakata H, Masuda K, Nishiyama S, Shibuya S, Haga H, Ogawa O, Shimizu A, Narumiya S, Kaisho T, Arita M, Yanagisawa M, Miyasaka M, Sharma K, Minato N, Kawamoto H, Yanagita M

Species
Not Applicable

Dilution
Not Cited

Year
2016

Cell death and differentiation

Functional disparities among BCL-2 members in tonsillar and leukemic B-cell subsets assessed by BH3-mimetic profiling.

"Published figure using CD20 monoclonal antibody (Product # 50-0202-82) in Immunofluorescence"

Authors: Peperzak V, Slinger E, Ter Burg J, Eldering E

Species
Human

Dilution
Not Cited

Year
2017

[View more IHC references on thermofisher.com](#)

Miscellaneous PubMed (1)

The Journal of clinical investigation

Accumulation of follicular CD8+ T cells in pathogenic SIV infection.

"Published figure using CD20 monoclonal antibody (Product # 50-0202-82) in Immunohistochemistry"

Authors: Ferrando-Martinez S, Moysi E, Pegu A, Andrews S, Nganou Makamdop K, Ambrozak D, McDermott AB, Palesch D, Paiardini M, Pavlakis GN, Brenchley JM, Douek D, Mascola JR, Petrovas C, Koup RA

Species
Not Applicable

Dilution
Not Cited

Year
2018

Immunocytochemistry (1)

The Journal of clinical investigation

Accumulation of follicular CD8+ T cells in pathogenic SIV infection.

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Authors: Ferrando-Martinez S, Moysi E, Pegu A, Andrews S, Nganou Makamdop K, Ambrozak D, McDermott AB, Palesch D, Paiardini M, Pavlakis GN, Brenchley JM, Douek D, Mascola JR, Petrovas C, Koup RA

Species
Not Applicable

Dilution
Not Cited

Year
2018

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