

CD20 Monoclonal Antibody (L26)

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	L26
Conjugate	Unconjugated
Immunogen	Human tonsil B cells
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	4° C
RRID	AB_10983209

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-
Immunohistochemistry (IHC)	-	49 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:250	7 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	1:100	4 Publications
Flow Cytometry (Flow)	1:2	1 Publication
Miscellaneous PubMed (Misc)	-	2 Publications

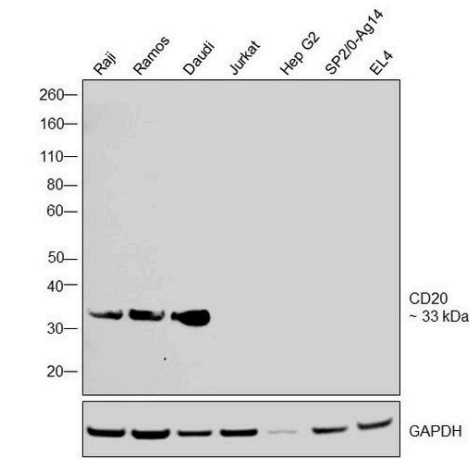
Product Specific Information

This product is recommended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissues, to be viewed by light microscopy. Staining requires boiling tissue in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at room temperature for 20 min. This antibody will not cross-react with cow, dog, pig or rat.

Product Images For CD20 Monoclonal Antibody (L26)

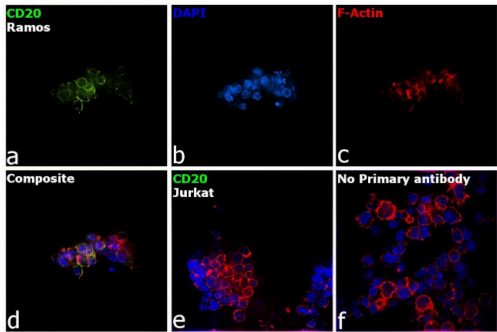
CD20 Antibody (MA5-13141)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Relative expression of CD20 was observed in Raji, Ramos, Daudi compared to Jurkat and Hep G2 using Anti-CD20 Monoclonal Antibody (L26) (Product # MA5-13141) in Western Blot. {RE}



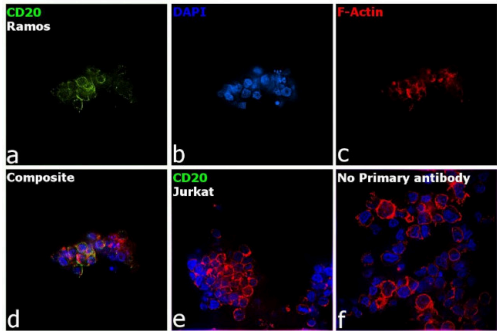
CD20 Antibody (MA5-13141)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-CD20 Monoclonal Antibody (L26) (Product # MA5-13141), shows expression in Ramos compared to Jurkat. {RE}



CD20 Antibody (MA5-13141) in ICC/IF

Immunofluorescence analysis of CD20 was performed using 70% confluent log phase Ramos cells. The cells were fixed with 4% paraformaldehyde for 5 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with CD20 Monoclonal Antibody (L26) (Product # MA5-13141) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32766), (1:2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing plasma membrane and cytoplasm localization. Panel e represents negative cell line Jurkat. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



View more figures on thermofisher.com

Immunohistochemistry (49)

iScience	Year 2023
The senescent secretome drives PLVAP expression in cultured human hepatic endothelial cells to promote monocyte transmigration.	
"Published figure using CD20 monoclonal antibody (Product # MA5-13141) in Immunohistochemistry"	
Authors: Wilkinson AL,Hulme S,Kennedy JI,Mann ER,Horn P,Shepherd EL,Yin K,Zaki MYW,Hardisty G,Lu WY, Rantakari P,Adams DH,Salmi M,Hoare M,Patten DA,Shetty S	
Frontiers in immunology	Year 2023
Tertiary lymphoid structures predict the prognosis and immunotherapy response of cholangiocarcinoma.	Species Human
"MA5-13141 was used in Immunohistochemistry to investigate the prognostic value and clinical relevance of TLS in CCA using a surgery cohort containing 471 CCA patients (cohort 1) and an immunotherapy cohort containing 100 CCA patients (cohort 2)."	Dilution 1:200
Authors: Shang T,Jiang T,Lu T,Wang H,Cui X,Pan Y,Xu M,Pei M,Ding Z,Feng X,Lin Y,Li X,Tan Y,Feng F,Dong H,Wang H,Dong L	

View more IHC references on thermofisher.com

Immunohistochemistry (Paraffin) (7)

Translational vision science & technology	Year 2020
Characterization of a Murine Model of Oxazolone-Induced Orbital Inflammation.	Species Mouse
"Published figure using CD20 monoclonal antibody (Product # MA5-13141) in Immunohistochemistry (Paraffin)"	Dilution 1:100
Authors: Amarnani D,Sanchez AV,Wong LL,Duffy BV,Ramos L,Freitag SK,Bielenberg DR,Kim LA,Lee NG	
Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology	Year 2016
Blockade of CD127 Exerts a Dichotomous Clinical Effect in Marmoset Experimental Autoimmune Encephalomyelitis.	
"MA513141 was used in immunohistochemistry - paraffin section to test a therapeutic antibody against CD127 in a mouse model of experimental autoimmune encephalomyelitis"	
Authors: Dunham J,Lee LF, van Driel N,Laman JD,Ni I,Zhai W,Tu GH,Lin JC,Bauer J,'t Hart BA,Kap YS	

View more IHC (P) references on thermofisher.com

More applications with references on thermofisher.com

- IHC (F) (1)
- ICC/IF (4)
- Flow (1)
- Misc (2)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.