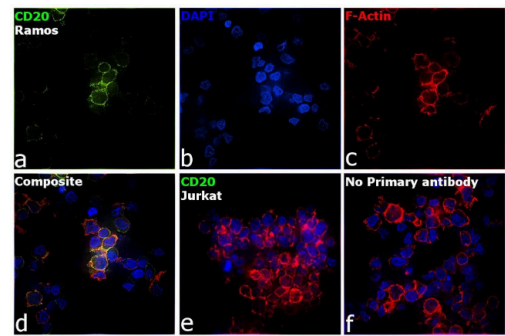


CD20 Monoclonal Antibody (2H7)

Product Details	
Size	100 µg
Species Reactivity	Human, Non-human primate
Published Species	Non-human primate, Human, Rhesus monkey
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	2H7
Conjugate	Unconjugated
Immunogen	Human tonsillar B cells
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	15mM sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_11152399

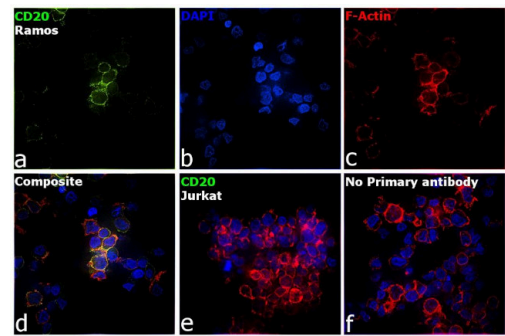
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-
Flow Cytometry (Flow)	1-4 µg/mL	3 Publications
Immunoprecipitation (IP)	Assay-Dependent	-

Product Images For CD20 Monoclonal Antibody (2H7)



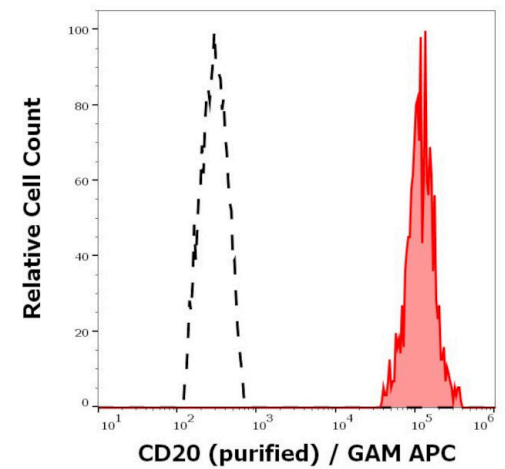
CD20 Antibody (MA1-10135)

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 (2H7) (Product # MA1-10135), shows expression in Ramos compared to Jurkat. {RE}



CD20 Antibody (MA1-10135) 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 (2H7) (Product # MA1-10135) at 5 µg/mL concentration 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.



CD20 Antibody (MA1-10135) in Flow

Separation of human CD20 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human CD20 (2H7) purified Monoclonal antibody (Product # MA1-10135); concentration in sample 0.6 µg/mL, GAM APC.

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Immunohistochemistry (1)

<p>Cell reports</p> <p>Longitudinal analyses reveal distinct immune response landscapes in lung and intestinal tissues from SARS-CoV-2-infected rhesus macaques.</p> <p>"MA1-10135 was used in Immunohistochemistry to indicate an imbalance of immune dynamic in intestinal mucosa during SARS-CoV-2 infection, which may underlie ongoing rectal viral shedding and mild tissue damage."</p> <p>Authors: Zheng H,Chen Y,Li J,Li H,Zhao X,Li J,Yang F,Li Y,Liu C,Qin L,Zuo Y,Zhang Q,He Z,Shi H,Li Q,Liu L</p>	<p>Year 2022</p> <p>Species Rhesus monkey</p> <p>Dilution 1:200</p>
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Flow Cytometry (3)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Mucosal Inducible NO Synthase-Producing IgA+ Plasma Cells in Helicobacter pylori-Infected Patients.</p> <p>"MA110135 was used in flow cytometry to report that IgA-producing plasma cells are a major source of inducible NO synthase in Helicobacter pylori-infected patients"</p> <p>Authors: Neumann L,Mueller M,Moos V,Heller F,Meyer TF,Loddenkemper C,Bojarski C,Fehlings M,Doerner T,Allers K,Aebischer T,Ignatius R,Schneider T</p>	<p>Year 2016</p> <p>Species Human</p>
<p>Infection and immunity</p> <p>Effects of B Cell Depletion on Early Mycobacterium tuberculosis Infection in Cynomolgus Macaques.</p> <p>"MA110135 was used in flow cytometry to report that B cells modulate the local granulomatous response in Mycobacterium tuberculosis-infected macaques during acute infection"</p> <p>Authors: Phuah J,Wong EA,Gideon HP,Maiello P,Coleman MT,Hendricks MR,Ruden R,Cirrincone LR,Chan J,Lin PL,Flynn JL</p>	<p>Year 2016</p> <p>Species Non-human primate</p>

View more Flow references on thermofisher.com

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