

CD20 Polyclonal Antibody

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Dog
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide from C-terminus of human CD20
Form	Liquid
Concentration	0.077 mg/mL
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2549785

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (IHC)	-	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:300	-
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:100	-

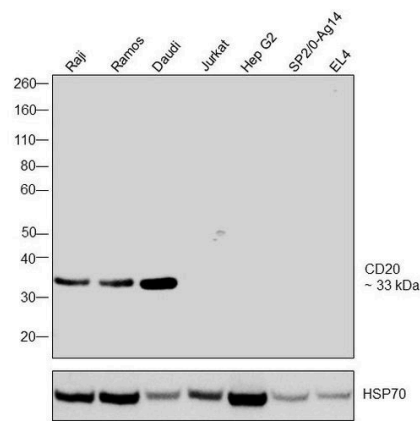
Product Specific Information

A suggested positive control is tonsil tissue.

Product Images For CD20 Polyclonal Antibody

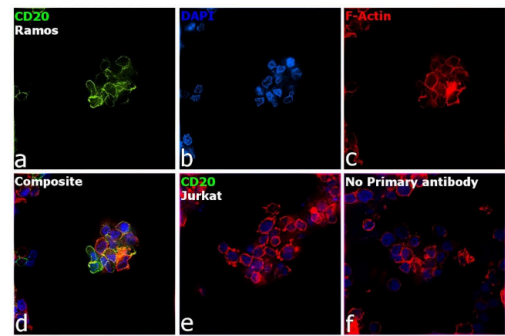
CD20 Antibody (PA5-32313)

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 Polyclonal Antibody (Product # PA5-32313) in Western Blot. {RE}



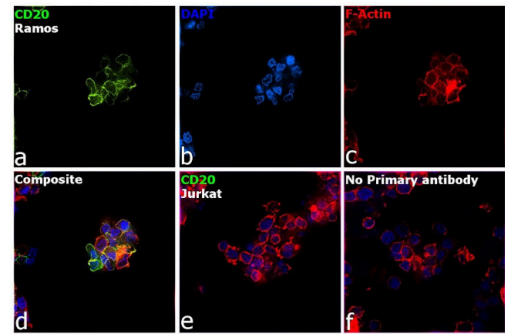
CD20 Antibody (PA5-32313) in ICC/IF

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 Polyclonal Antibody (Product # PA5-32313) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (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 (PA5-32313)

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 Polyclonal Antibody (Product # PA5-32313), shows expression in Ramos compared to Jurkat. {RE}



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Immunohistochemistry (3)

Porcine health management

Neoplastic lesions in domestic pigs detected at slaughter: literature review and a 20-year review (1998-2018) of carcass inspection in Catalonia.

"Published figure using CD20 polyclonal antibody (Product # PA5-32313) in Immunohistochemistry"

Authors: Morey-Matamalas A,Vidal E,Martínez J,Alomar J,Ramis A,Marco A,Domingo M,Segalés J

Year
2021

Journal of neuropathology and experimental neurology

Expression of FOXP3 in Canine Gliomas: Immunohistochemical Study of Tumor-Infiltrating Regulatory Lymphocytes.

"PA5-32313 was used in Immunohistochemistry to immunohistochemically characterize the tumor-infiltrating lymphocyte (TIL) population of naturally occurring canine gliomas, focusing on the expression of Forkhead box P3-positive (FOXP3+) regulatory T-cells (Tregs)."

Authors: Pi Castro D,José-López R,Fernández Flores F,Rabanal Prados RM,Mandara MT,Arús C,Pumarola Batlle M

Year
2020

Species
Dog

Dilution
1:300

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

Immunohistochemistry (PFA fixed) (1)

Animals : an open access journal from MDPI

Glial Response and Neuroinflammation in Cerebrocortical Atrophy in a Young Irish Wolfhound Dog.

"PA5-32313 was used in Immunohistochemistry (PFA fixed) to show some of the neuroinflammatory events that occur during CNS repair in a chronic phase of this condition."

Authors: Sant'Ana FJF,Omaña M,Blasco E,Pumarola M

Year
2021

Species
Dog

Dilution
1:300

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