

For Research Use Only

CD20 Recombinant monoclonal antibody

Catalog Number: 86480-1-RR



Basic Information

Catalog Number: 86480-1-RR	GenBank Accession Number: BC002807	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 931	CloneNo.: 251207B3
Source: Rabbit	UNIPROT ID: P11836-1	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: membrane-spanning 4-domains, subfamily A, member 1	
	Calculated MW: 297 aa, 33 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Daudi cells, Raji cells, Ramos cells IF/ICC : Raji cells,

Background Information

CD20 is a 33-37 kDa transmembrane phosphoprotein. CD20 is a B-lymphocyte surface molecule that is widely expressed during B-cell ontogeny, from early pre-B-cell developmental stages until final differentiation into plasma cells. CD20 functions as calcium-permeable cation channel. It is involved in the regulation of B-cell activation and proliferation. CD20 serves as a useful target for antibody-mediated therapeutic depletion of B-cells.

Storage

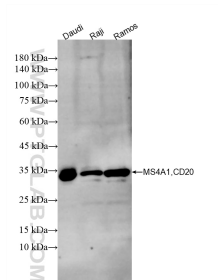
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

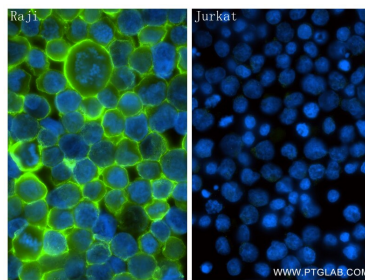
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86480-1-RR (MS4A1,CD20 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Raji / Jurkat cells using CD20 antibody (86480-1-RR, Clone: 251207B3) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).