

For Research Use Only

CoraLite® Plus 488-conjugated CD20 Recombinant monoclonal antibody

Catalog Number: CL488-86480



Basic Information

Catalog Number: CL488-86480	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: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: membrane-spanning 4-domains, subfamily A, member 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 297 aa, 33 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls:
Species Specificity: human	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.

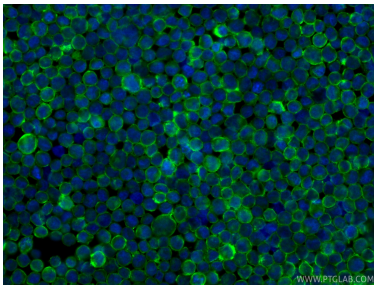
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Raji cells using CoraLite® Plus 488 CD20 antibody (CL488-86480, Clone: 251207B3) at dilution of 1:200.