

CoraLite488-conjugated CD20 Monoclonal ANTIBODY

Catalog Number: CL488-60271

Basic Information

Catalog Number: CL488-60271	GenBank Accession Number: BC002807	Recommended Dilutions: IF 1:50-1:500
Size: 60 µg/ 100 µl	GeneID (NCBI): 931	
Source: Mouse	Full Name: membrane-spanning 4-domains, subfamily A, member 1	
Isotype: IgG2b	Calculated MW: 297aa, 33 kDa	
Purification Method: Protein G purification	Observed MW: 37 kDa	
Immunogen Catalog Number:		

Applications

Tested Applications:
IF, ELISA

Species Specificity:
human

Note: suggested antigen retrieval with *TE buffer pH 9.0*; (*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0*

Positive Controls:

IF : human tonsillitis tissue;

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. This antibody is conjugated with CL488(Ex/Em 488 nm/515 nm).

Notable Publications

Author	Pubmed ID	Journal	Application

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

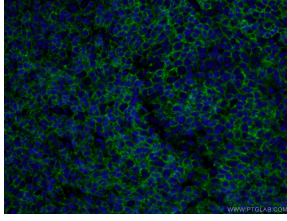
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

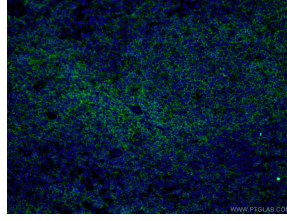
E: proteintech@ptglab.com
W: ptglab.com

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 human tonsillitis tissue using CL488-60271 (CD20 antibody) at dilution of 1:100.



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