

For Research Use Only

PE-conjugated CD20 Polyclonal antibody

Catalog Number: PE-31909



Basic Information

Catalog Number: PE-31909	GenBank Accession Number: NM_007641	Purification Method: Antigen affinity Purification
Size: 100ul , Concentration: 200 ug/ml by Nanodrop;	GeneID (NCBI): 12482	Recommended Dilutions: IF-P: 1:50-1:500
Source: Rabbit	UNIPROT ID: P19437	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG	Full Name: membrane-spanning 4-domains, subfamily A, member 1	
Immunogen Catalog Number: AG36918	Calculated MW: 32 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P: mouse spleen tissue,
Species Specificity: mouse, rat	

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 a 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.

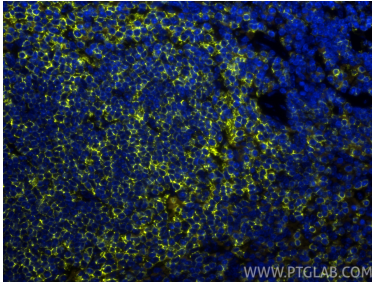
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using PE CD20 antibody (PE-31909) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).