

For Research Use Only

PE-conjugated CD20 Polyclonal antibody

Catalog Number: PE-31909



Basic Information

Catalog Number:

PE-31909

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36918

GenBank Accession Number:

NM_007641

GeneID (NCBI):

12482

UNIPROT ID:

P19437

Full Name:

membrane-spanning 4-domains, subfamily A, member 1

Calculated MW:

32 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

IF-P

Species Specificity:

mouse, rat

Positive Controls:

IF-P: mouse spleen 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 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:

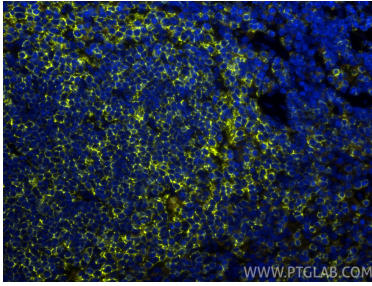
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed 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).