

For Research Use Only

Anti-Human CD20 Rabbit Recombinant Antibody

Catalog Number: 98771-1-RR



Basic Information

Catalog Number:

98771-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

931

UNIPROT ID:

P11836

Full Name:

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

Purification Method:

Protein A purification

CloneNo.:

253584A1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

CD20 is a 33-37 kDa transmembrane phosphoprotein belonging to the membrane-spanning 4A family (PMID: 3260267; 16785532). 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 (PMID: 7524522). CD20 functions as calcium-permeable cation channel (PMID: 7684739). It is involved in the regulation of B-cell activation, proliferation and differentiation (PMID: 7524522).

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

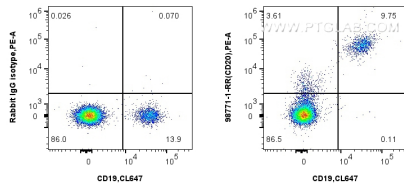
T: 4006900926

E: Proteintech-CN@ptglab.com

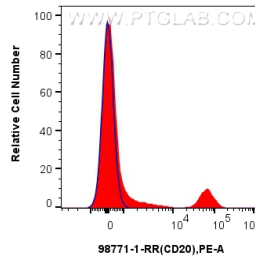
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD20 Rabbit RecAb (98771-1-RR, Clone:253584A1) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD19 (4G7) Mouse IgG2a Recombinant Antibody (CL647-65562, Clone: 4G7). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD20 Rabbit RecAb (98771-1-RR, Clone:253584A1) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. Lymphocytes were gated.