

For Research Use Only

Atlantic Blue™ Anti-Human CD20 (2H7)

Catalog Number: AB-65085



Basic Information

Catalog Number:

AB-65085

Concentration:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC002807

GeneID (NCBI):

931

Full Name:

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

Calculated MW:

297 aa, 33 kDa

Purification Method:

Affinity purification

CloneNo.:

2H7

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in 100 µl
suspension

Excitation/Emission maxima
wavelengths:

404 nm / 458 nm

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. 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:

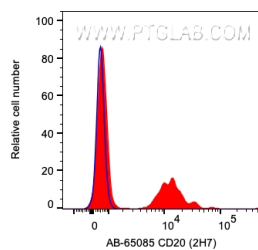
T: 4006900926

E: Proteintech-CN@ptglab.com

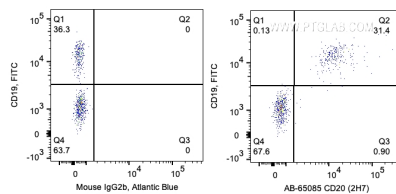
W: ptgcn.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with FITC Anti-Human CD19 and 5 ul Atlantic Blue™ Anti-Human CD20 (AB-65085, Clone:2H7) or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



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