For Research Use Only

APC Anti-Human CD20 (2H7)

Catalog Number:APC-65085

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
APC-65085

Concentration:
100tests, 5 μl/test

Source:
Mouse

Isotype:
IgG2b, kappa

GenBank Accession Number:
BC002807

GeneID (NCBI):
931

UNIPROT ID:
P11836

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 ul per 10^6 cells in 100 ul suspension

Excitation/Emission maxima wavelengths:
650 nm / 660 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).

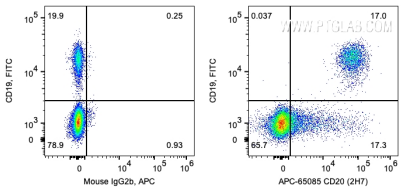
Storage

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, pH 7.3.

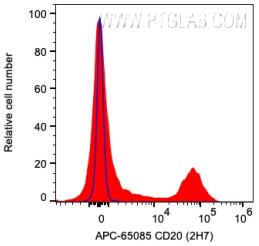
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



1X10^6 human PBMCs were surface co-stained with FITC Anti-Human CD19 and 5 ul APC Anti-Human CD20 (APC-65085, Clone:2H7) or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10^6 human PBMCs were surface stained with 5 ul Atlantic Blue™ Anti-Human CD81 (AB-65195, Clone:5A6) or Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10). Cells were not fixed. Lymphocytes were gated.