

For Research Use Only

# FcZero-rAb® PerCP-Cyanine5.5 Anti-Human CD20 (2H7) Rabbit Recombinant Antibody

Catalog Number:CPY5-FcA65575



## Basic Information

**Catalog Number:**

CPY5-FcA65575

**Size:**

100tests , 5 ul/test

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC002807

**GeneID (NCBI):**

931

**UNIPROT ID:**

P11836-1

**Full Name:**

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

**Calculated MW:**

297 aa, 33 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

2H7

**Recommended Dilutions:**

FC: 5 ul per 10<sup>6</sup> cells in a 100 µl suspension

**Excitation/Emission maxima wavelengths:**

482 nm / 690nm

## Applications

**Tested Applications:**

FC

**Species Specificity:**

human, monkey, non-human primates

**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

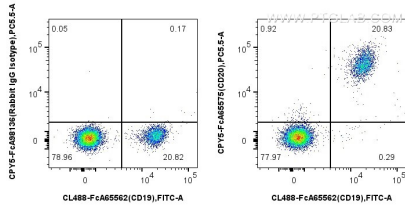
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

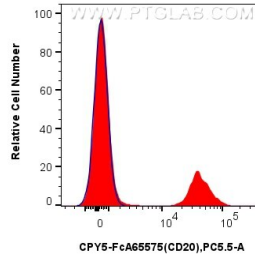
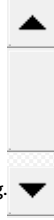
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



$1 \times 10^6$  human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD19 (4G7), and 5 ul PerCP-Cyanine5.5 Anti-Human CD20 (2H7) Rabbit IgG RecAb (CPY5-FcA65575, Clone:2H7) or FcZero-rAb™ PerCP-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (CPY5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed. Lymphocytes were



$1 \times 10^6$  human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human CD20 (2H7) Rabbit IgG RecAb (CPY5-FcA65575, Clone:2H7) (red) or FcZero-rAb™ PerCP-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (CPY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed. Lymphocytes were gated.