

For Research Use Only

# Atlantic Blue™ Anti-Human CD20 (2H7)



Catalog Number: **AB-65085**

## Basic Information

<b>Catalog Number:</b> AB-65085	<b>GenBank Accession Number:</b> BC002807	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 931	<b>CloneNo.:</b> 2H7
<b>Source:</b> Mouse	<b>Full Name:</b> membrane-spanning 4-domains, subfamily A, member 1	<b>Excitation/Emission maxima wavelengths:</b> 401 nm / 452 nm
<b>Isotype:</b> IgG2b, kappa	<b>Calculated MW:</b> 297 aa, 33 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Human

## 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

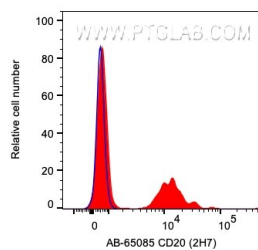
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA.

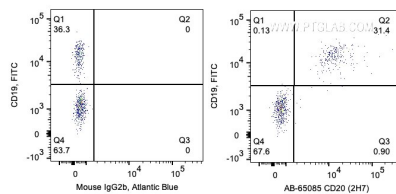
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



1X10<sup>6</sup> 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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