

For Research Use Only

# Anti-Human CD200 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98007-2-PBS



## Basic Information

### Catalog Number:

98007-2-PBS

### Size:

1mg, 2 mg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

BC022522

### GeneID (NCBI):

4345

### UNIPROT ID:

P41217

### Full Name:

CD200 molecule

### Calculated MW:

269 aa, 30 kDa

### Purification Method:

Protein A purification

### CloneNo.:

230268E11

### Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in 100 µl suspension

## Applications

### Tested Applications:

FC

### Species Specificity:

human

### Positive Controls:

FC : human PBMCs,

## Background Information

CD200, also known as OX2, is a type I transmembrane glycoprotein that belongs to the immunoglobulin superfamily (PMID: 3032785). It contains two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. CD200 is expressed on a variety of cell types, including thymocytes, B lymphocytes, a subset of T lymphocytes, follicular dendritic cells, neurons, and endothelial cells (PMID: 3032785; 10981966). CD200 binds to its receptor, CD200R, which is primarily expressed by myeloid and T cell lineage (PMID: 15187158). The CD200-CD200R interaction plays a role in immunosuppression and suppression of anti-tumor immune responses (PMID: 22020332).

## Storage

### Storage:

Store at -80°C. Stable for one year after shipment.

### Storage Buffer:

PBS only, pH7.3

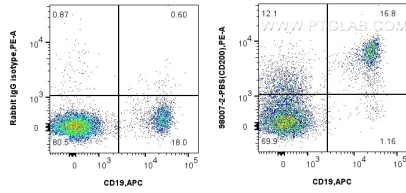
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD200 (98007-2-PBS, Clone:230268E6) or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) and PE-conjugated Goat Anti-Rabbit IgG. Cells were then stained with APC Anti-Human CD19 (HIB19) (APC-65110, Clone: HIB19). Cells were not fixed. Lymphocytes were gated.