

For Research Use Only

# Anti-Mouse CD200 (OX90)

Catalog Number: 65230-1-Ig



## Basic Information

Catalog Number:

65230-1-Ig

Concentration:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC051984

GeneID (NCBI):

17470

UNIPROT ID:

Q80VX2

Full Name:

CD200 antigen

Purification Method:

Affinity purification

CloneNo.:

OX90

Recommended Dilutions:

FC: 1 ug per 10<sup>6</sup> cells in 100  $\mu$ l suspension

## Applications

Tested Applications:

FC

Species Specificity:

Mouse

Positive Controls:

FC : mouse splenocytes,

## 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 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

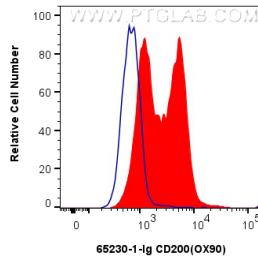
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

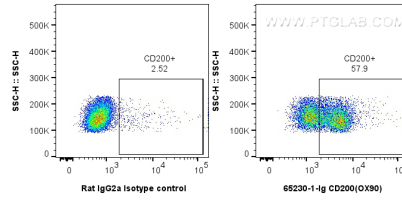
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 1 ug Anti-Mouse CD200 (65230-1-Ig, Clone: OX90) and FITC anti-rat IgG2a Antibody at dilution 1:100 (red), or 1 ug Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) and FITC anti-rat IgG2a Antibody at dilution 1:100 (blue). Cells were not fixed.



1x10<sup>6</sup> mouse splenocytes were surface stained with 1 ug Anti-Mouse CD200 (65230-1-Ig, Clone: OX90) and FITC anti-rat IgG2a Antibody at dilution 1:100, or 1 ug Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) and FITC anti-rat IgG2a Antibody at dilution 1:100. Cells were not fixed.