

For Research Use Only

Anti-Mouse CD200 (OX90)

Catalog Number: 65230-1-Ig



Basic Information

Catalog Number: 65230-1-Ig	GenBank Accession Number: BC051984	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 17470	CloneNo.: OX90
Source: Rat	UNIPROT ID: Q80VX2	
Isotype: IgG2a, kappa	Full Name: CD200 antigen	

Applications

Tested Applications:
FC

Species Specificity:
Mouse

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.

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

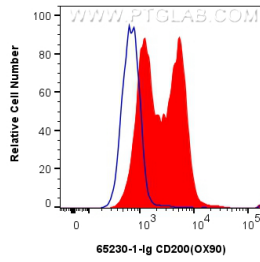
T: 4006900926

E: Proteintech-CN@ptglab.com

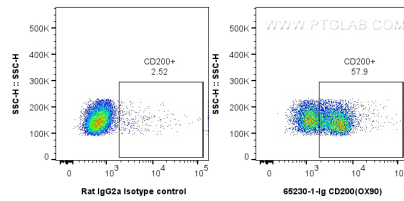
W: ptgcn.com

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Selected Validation Data



1x10⁶ 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.



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