

For Research Use Only

# CoraLite®594 Anti-Mouse CD200 Rabbit Recombinant Antibody

Catalog Number: CL594-98039



## Basic Information

Catalog Number:

CL594-98039

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0920

GenBank Accession Number:

/

GeneID (NCBI):

17470

UNIPROT ID:

O54901

Full Name:

CD200 antigen

Calculated MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

240391A6

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## 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. Avoid exposure to light. 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:

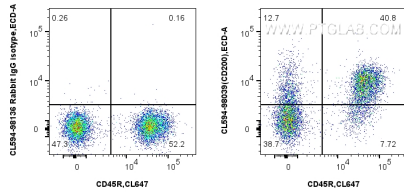
T: 4006900926

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

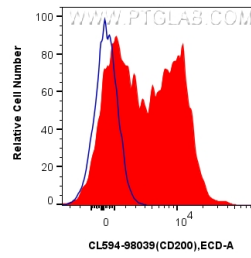
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse CD45R (B220) (RA3-6B2) (CL647-65139, Clone: RA3-6B2), and 0.25 ug CoraLite®594 Anti-Mouse CD200 Rabbit RecAb (CL594-98039, Clone: 240391A6) or 0.25 ug CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug CoraLite®594 Anti-Mouse CD200 Rabbit RecAb (CL594-98039, Clone: 240391A6) (red) or 0.25 ug CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were not fixed.