

For Research Use Only

Mouse CD200 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83437-4-PBS

Basic Information

Catalog Number:

83437-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

17470

UNIPROT ID:

O54901

Full Name:

CD200 antigen

Calculated MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

240391H7

Applications

Tested Applications:

Indirect ELISA, Cytometric bead array

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 -80°C.

Storage Buffer:

PBS Only

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

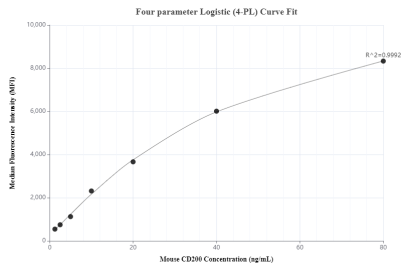
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP00439-2, MOUSE CD200 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83437-4-PBS. Detection antibody: 83437-2-PBS. Standard: Eg0920. Range: 1.25-80 ng/mL