

For Research Use Only

Anti-Mouse CD200R1 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98155-1-PBS



Basic Information

Catalog Number: 98155-1-PBS	GenBank Accession Number: NM_021325.3	Purification Method: Protein A purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 57781	CloneNo.: 241453E7
Source: Rabbit	UNIPROT ID: Q9ES57	
Isotype: IgG	Full Name: CD200 receptor 1	
	Calculated MW: 36 kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

Cell surface glycoprotein CD200 receptor 1 (CD200R1) is also called CD200R, CRTR2, MOX2R, and OX2R, and belongs to the CD200R family. CD200R1 is an inhibitory receptor for the CD200/OX2 cell surface glycoprotein. CD200R1 is highly glycosylated, containing ten potential N-glycosylation sites (PMID: 15187158). CD200R1 limits inflammation by inhibiting the expression of pro-inflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. As an immune inhibitory molecule, CD200R1 binds to CD200, ultimately leading to the inhibition of classical activation of macrophages and microglia (PMID: 24588829).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

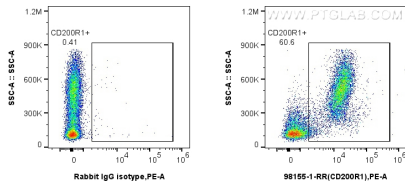
T: 4006900926

E: Proteintech-CN@ptglab.com

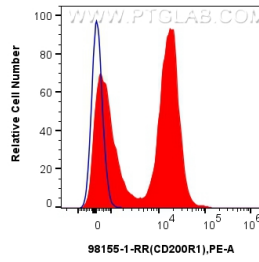
W: ptgcn.com

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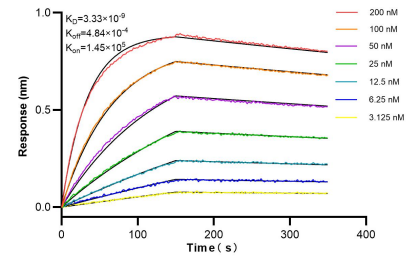
Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD200R1 Rabbit Recombinant Antibody (98155-1-RR, Clone: 241453E7) or Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98155-1-PBS in a different storage buffer formulation.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD200R1 Rabbit Recombinant Antibody (98155-1-RR, Clone: 241453E7) (red) or Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98155-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 98155-1-RR against Mouse CD200R1 were performed. The affinity constant is 3.33 nM.