

For Research Use Only

# CD200R1 Polyclonal antibody

Catalog Number: 30013-1-AP



## Basic Information

<b>Catalog Number:</b> 30013-1-AP	<b>GenBank Accession Number:</b> BC069743	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 100 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 131450	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TD46	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD200 receptor 1	
	<b>Observed MW:</b> 33-36 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, K-562 cells, PC-3 cells
<b>Species Specificity:</b> Human	

## Background Information

Cell surface glycoprotein CD200 receptor 1 (CD200R1) is also named as CD200R, CRTR2, MOX2R and OX2R, and belongs to the CD200R family. CD200R1 is 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 inhibition of classical activation of macrophages and microglia (PMID: 24588829).

## Storage

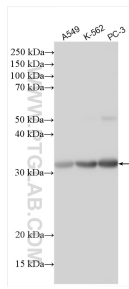
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30013-1-AP (CD200R1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.