

For Research Use Only

CD200R1 Polyclonal antibody

Catalog Number: 30013-1-AP



Basic Information

Catalog Number:

30013-1-AP

Size:

150ul , Concentration: 100 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC069743

GeneID (NCBI):

131450

UNIPROT ID:

Q8TD46

Full Name:

CD200 receptor 1

Observed MW:

33-36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : A549 cells, K-562 cells, PC-3 cells

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

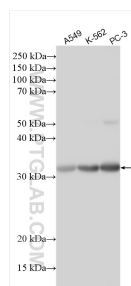
For technical support and original validation data for this product please contact:

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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



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.