

CD200 Antibody

Catalog No: #48410

Package Size: #48410-1 50ul #48410-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

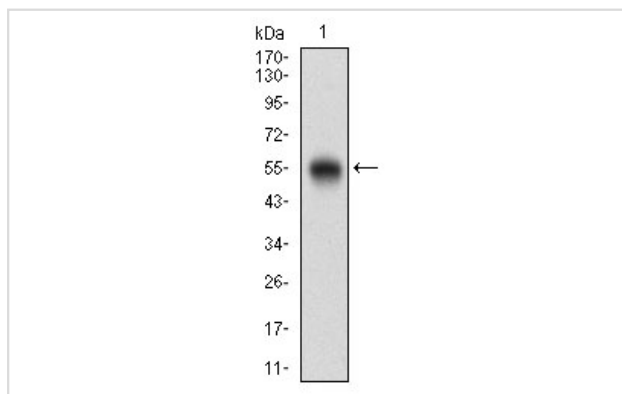
Description

Product Name	CD200 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	B11-E8
Purification	ProA affinity purified
Applications	WB, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	Antigen identified by monoclonal antibody MRC OX 2 antibody CD200 antibody CD200 antigen antibody CD200 molecule antibody MOX1 antibody MOX2 antibody MRC antibody MRC OX 2 antigen antibody My033 antibody OX 2 antibody OX 2 membrane glycoprotein precursor antibody OX-2 membrane glycoprotein antibody OX2G antibody OX2G_HUMAN antibody
Accession No.	Swiss-Prot#:P41217
Uniprot	P41217
GeneID	4345;
Calculated MW	31 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

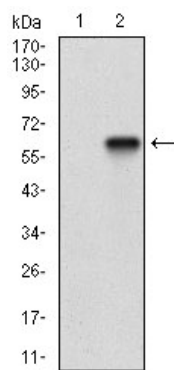
Application Details

WB: 1:500-1:2,000

Images



Western blot analysis of CD200 on human CD200 recombinant protein using anti- CD200 antibody at 1/1,000 dilution



Western blot analysis of CD200 on HEK293 (1) and CD200-hlgGFc transfected HEK293 (2) cell lysate using anti-CD200 antibody at 1/1,000 dilution.

Background

OX2 (CD200, MOX2), a member of the immunoglobulin superfamily (IgSF), is a 248 residue cell surface glycoprotein that is expressed in lymphoid cells, neurons, and endothelium. OX2 receptor (OX2R) is a membrane protein with up to 70% of its weight derived from N-linked glycosylation, and it is primarily expressed in lymphoid and neuronal tissue. Phylogenetic analysis of OX2R with respect to other leukocyte IgSF glycoproteins suggests that OX2R and OX2 share a common ancestral protein. The cytoplasmic portion of OX2R contains NPXY motifs that are known to interact with PTB/PID binding domains. The interaction between OX2 and OX2R may contribute to pathways that suppress and limit macrophage induced inflammatory damage in tissue.

References

Note: This product is for in vitro research use only