

CD200 Receptor 1 (CD200R1) / OX2 Antibody

Mouse Monoclonal Antibody [Clone CD200R1/6493]

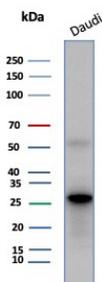
Catalog No	Format	Size
131450-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
131450-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
131450-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

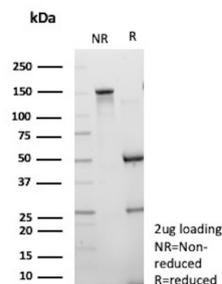
Product Details	
Clone	CD200R1/6493
Gene Name	CD200R1
Immunogen	Recombinant fragment (around aa50-250) of human CD200R1 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	39kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Human spleen, tonsil, lymph node or kidney. Daudi or U937 cells.

*Optimal dilution for a specific application should be determined.

Product Images for CD200 Receptor 1 (CD200R1) / OX2 Antibody



Western blot analysis of Daudi cell lysate using CD200R1 Mouse Monoclonal Antibody (CD200R1/6493).



SDS-PAGE Analysis of Purified CD200R1 Mouse Monoclonal Antibody (CD200R1/6493). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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; it is primarily expressed in lymphoid and neuronal tissue. Phylogenetic analysis of OX2R with respect to other leukocyte IgSF glycoproteins suggests that OXR2 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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Immuno Oncology, Immunology, Infectious Disease

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
