

CD200 / OX2 (Marker of B-cell Lymphoproliferative Disorders) Antibody

Mouse Monoclonal Antibody [Clone CD200/13009]

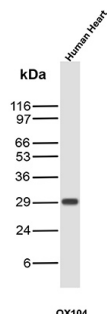
Catalog No	Format	Size
4345-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4345-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4345-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Western Blot (WB)	2-4ug/ml	

Product Details	
Clone	CD200/13009
Gene Name	CD200
Immunogen	Recombinant human OX2 protein fused to rat CD4 domains 3 and 4 fusion protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	41-47kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Human spleen, tonsil, lymph node or kidney.

*Optimal dilution for a specific application should be determined.

Product Images for CD200 / OX2 (Marker of B-cell Lymphoproliferative Disorders) Antibody



Western blot analysis of human heart tissue lysate using CD200 / OX-2 Mouse Monoclonal Antibody (CD200/13009). 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 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.
