

## 30-1537: Anti-CD200 Monoclonal Antibody (Clone:OX-104)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	OX-104
<b>Application :</b>	FACS, IHC, IHC-Fr, Functional Assay
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD200
<b>Gene ID :</b>	4345
<b>Uniprot ID :</b>	P41217
<b>Format :</b>	Purified
<b>Alternative Name :</b>	OX-2 membrane glycoprotein
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human CD200

### Description

CD200 (also known as OX2 or MRC) is a type-1 membrane glycoprotein, which contains two extracellular immunoglobulin domains, transmembrane domain and cytoplasmic domain. It is expressed by neuronal cells, B and T cell subsets, follicular dendritic cells, keratinocytes, and ovarian cells. The interaction between CD200 and its receptor CD200R results in macrophage activation (IL-6 production), inhibition of mast cell degranulation along with reduced TNF-alpha and IL-13 secretion and overall attenuation of the activation status of lymphocytes. It seems CD200 is also involved in maternal tolerance and its decreased expression in hair follicle correlates with follicular miniaturization.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Flow Cytometry Immunohistochemistry Immunohistochemistry (frozen sections) Functional Application** blocking