

30-2105: Anti-CD200 Monoclonal Antibody (Clone:OX-104)-FITC Conjugated

Clonality :	Monoclonal
Clone Name :	OX-104
Application :	FACS, IHC, IHC-Fr, Functional Assay
Reactivity :	Human
Conjugate :	FITC
Gene :	CD200
Gene ID :	4345
Uniprot ID :	P41217
Alternative Name :	OX-2 membrane glycoprotein, MOX1, MOX2
Isotype :	Mouse IgG1
Immunogen Information :	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

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

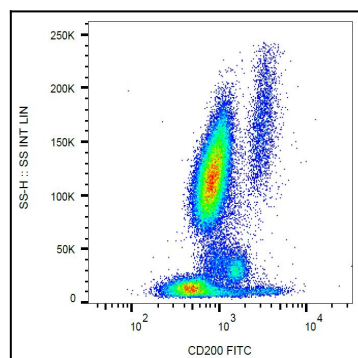


Figure 1: Surface staining of CD200 in human peripheral blood with anti-CD200 (OX-104) FITC.