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## 30-2367: Anti-CD200 Monoclonal Antibody (Clone:OX-104)-PE Conjugated

Clone Name: Monoclonal OX-104

**Application :** FACS, IHC, IHC-Fr, Functional Assay

Reactivity: Human
Conjugate: PE
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.

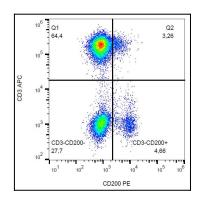


Figure 1: Surface staining of CD200 in human peripheral blood with anti-CD200 (OX-104) PE.