

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

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| Clonality : | Monoclonal |
| Clone Name : | OX-104 |
| Application : | FACS, IHC, IHC-Fr, Functional Assay |
| Reactivity : | Human |
| Gene : | CD200 |
| Gene ID : | 4345 |
| Uniprot ID : | P41217 |
| Format : | Purified |
| Alternative Name : | OX-2 membrane glycoprotein |
| 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

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

Application Note

Flow Cytometry Immunohistochemistry Immunohistochemistry (frozen sections) Functional Application blocking