

Purified Anti-Human CD200 Antibody[OX-104], Functional Grade

catalog number: E-AB-F11600

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

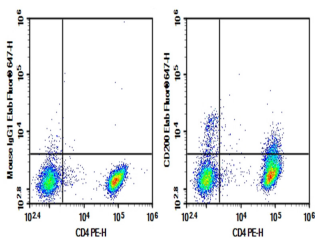
Reactivity	Human
Immunogen	Recombinant Human CD200 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	OX-104
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

Recommended Dilution

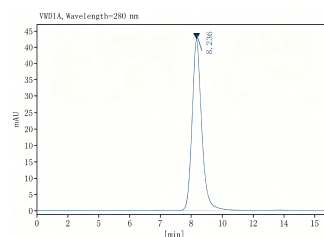
FCM	2 µg/mL (0.5×10 ⁶ -1×10 ⁶ cells)
Block	Reported in the literature

Data



Human peripheral blood lymphocytes cell were stained with 0.2 µg Purified Anti-Human CD200 Antibody[OX-104], Functional Grade (Right) and 0.2 µg Mouse IgG1, κ

Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD4 PE-conjugated Monoclonal Antibody.



Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

For Research Use Only

CD200 (OX2) and CD200R (OX2R) are membrane glycoprotein members of the Ig superfamily. CD200 is expressed by a range of cells, including neurons, epithelial cells, endothelial cells, fibroblasts, and lymphoid cells, while its receptor, CD200R, is found on myeloid and T cells. Interaction between CD200 and CD200R downregulates macrophage function and plays a role in immunosuppression and regulation of anti-tumor immune responses.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

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