Purified Anti-Human CD200 Antibody[H1070-6G3]

catalog number: **AN010370P**

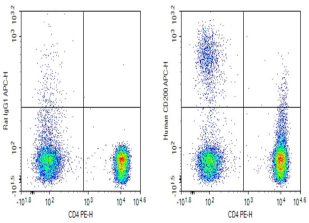
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD200 protein
Host	Rat
Isotype	Rat IgG1, κ
Clone	H1070-6G3
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD200 Antibody[H1070-6G3] (Right) and 0.2 μg Rat IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Human CD4 PE-conjugated Monoclonal Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

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.

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