Purified Anti-Mouse CD210/IL-10R Antibody[1B1.3A]

catalog number: **E-AB-F1036A**

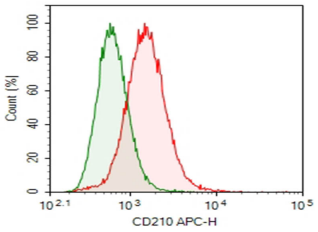
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD210/IL-10R protein
Host	Rat
Isotype	Rat IgG1, κ
Clone	1B1.3A
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



C57/BL6 Mouse splenocytes cell were stained with 0.2 μg Purified Anti-Mouse CD210 Antibody[1B1.3A](Right) and 0.2 μg Rat IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Rat IgG Secondary 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

CD210 is a 90-110 kD IL-10 receptor. It is a class II cytokine receptor expressed on thymocytes, T cells, B cells, NK cells, monocytes and macrophages. Ligand binding of CD210 induces Jak1 and Tyk, resulting in STAT1 and STAT3 activation. IL-10 receptor stimulation results in the inhibition of cytokine production and the costimulation of B cell proliferation and differentiation. The only known ligand for this receptor is IL-10.

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