

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

Catalog Number: GFH1036B

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

Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG1, κ
Clone No.	1B1.3A
Isotype Control	Biotin Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823B]
Conjugation	Biotin
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{L}$ volume or $100 \mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
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Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at $2-8^{\circ}\text{C}$ for 12 months. Do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	IL-10R subunit alpha;CD210;CDw210a;IL-10 receptor subunit alpha;IL-10R subunit 1; IL-10R1;IL-10RA;Il10ra;Interleukin-10 receptor subunit 1;Interleukin-10 receptor subunit alpha
Uniprot ID	Q61727
Gene ID	16154
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.

For Research Use Only

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Rev. V1.2