Store at 4°C

FITC Anti-Mouse CD210 (IL-10R) Monoclonal Antibody

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精准 高效 稳定 Precision Efficient Stable

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Catalog Number	Vial Size
M12101-02B	50 µg
M12101-02E	500 µg

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

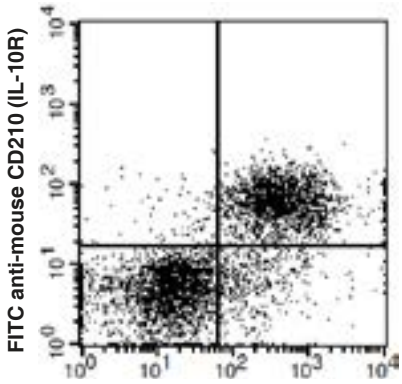
Purified Antibody Characterization

Clone	Isotype	Reactivity
1B1.3A	Rat IgG1	Mouse

Description

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.

Illustration of Immunofluorescent Staining



IL-10 transgenic mouse splenocytes stained with APC anti-mouse α/β TCR and FITC anti-mouse CD210 (IL-10R)

Product Information

Conjugation: FITC

Formulation: PBS pH 7.2, 0.09% NaN_3, 0.2% BSA

Concentration: 0.5 mg/ml

Storage: Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used ≤ 1.0 µg /10^6 cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

[1] Ho A, et al. 1993. P. Natl. Acad. Sci. USA 90:11267.
[2] Tan JC, et al. 1993. J. Biol. Chem. 268:21053.
[3] Niemand C, et al. 2003. J. Immunol. 170:3263.
[4] Corinti S, et al. 2001. J. Immunol. 166:4312.

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