

**Biotin Anti-Mouse CD210 (IL-10R) Monoclonal Antibody**

天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M12101-08B	50 µg
M12101-08E	500 µg

**Market** | 400-621-0003  
marketing@sungenebiotech.com

**Support** | 022-66211636-8024  
techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

**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.

**Product Information**

**Conjugation:** Biotin

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>, 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  $\leq 0.25 \mu\text{g} / 10^6$  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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