

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD210 Monoclonal Antibody(AF647  
Conjugated)

**Catalog:** DL20555F

**Synonyms:** Interleukin-10 receptor subunit alpha, IL10ra, IL-10  
receptor subunit alpha,  
IL-10R subunit  
alpha, IL-10RA, CDw210a, Interleukin-10 receptor  
subunit 1, IL-10R subunit 1, IL-10R1, CD210, IL10ra

**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.

**Form:** Liquid

**Isotype:** Rat IgG1,  $\kappa$

**Size:** 25 $\mu$ g/50 $\mu$ g/100 $\mu$ g/200 $\mu$ g

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 0.5 mg/mL

**Conjugation:** AF647

**SwissProt:** Q61727

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### **Recommended Use:**

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu$ g/ $10^6$  cells in 100  $\mu$ L volume].

### **Data:**

C57BL/6 murine splenocytes are stained with Anti-Mouse CD210 Monoclonal Antibody(AF647 Conjugated)[Used at 0.2  $\mu$ g/ $10^6$  cells

dilution](filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

### Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.