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## 36-3817: Anti-IL-10R1, Mouse (Interleukin-10 Receptor 1) (CD210) Monoclonal Antibody(Clone: 1B1.3a)

Clonality: Monoclonal
Clone Name: 1B1.3a
Application: FACS,IF
Reactivity: Mouse
Gene ID: 16154
Uniprot ID: Q61727

CD210 antigen; CDw210a; IBD28; IL10R alpha; IL-10R subunit 1; IL-10R1; IL10RA IL10RIL-10R

Alternative Name: subunit alpha; interleukin 10 receptor, alpha; interleukin-10 receptor alpha chain;

Interleukin-10 receptor subunit 1

**Isotype:** Rat IgG1, kappa

Immunogen Information: Purified recombinant extracellular region of Mouse IL10RA

## **Description**

This monoclonal antibody recognizes Mouse Interleukin-10 receptor 1 (IL-10R1), a cell surface glycoprotein of approximately 110KDa. Its epitope is localized in the ligand-binding domain in the extracellular region of Mouse IL-10R1. This antibody blocks the binding of IL-10 to its receptor. IL-10R1 is a class II cytokine receptor expressed on thymocytes, T cells, B cells, NK cells, monocytes and macrophages. Binding of IL-10 to its receptor initiates JAK/STAT signaling that leads to B cell proliferation and inhibition of macrophage activation.

## **Product Info**

**Amount:** 20 μg / 100 μg

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

**Storage condition :** Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous.

## **Application Note**

Neutralization Studies (Order Ab without Azide);Flow Cytometry (0.5-1ug/million cells in 0.1ml); Immunofluorescence (1-2ug/ml);



Fig. 1: SDS-PAGE Analysis Purified IL-10R1 Rat Monoclonal Antibody (1B1.3a). Confirmation of Integrity and Purity of Antibody.