∗ abeomics

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 |
| Alternative Name : | CD210 antigen; CDw210a; IBD28; IL10R alpha; IL-10R subunit 1; IL-10R1; IL10RA IL10RIL-10R 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);

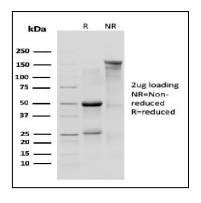


Fig. 1: SDS-PAGE Analysis Purified IL-10R1 Rat Monoclonal Antibody (1B1.3a). Confirmation of Integrity and Purity of Antibody.