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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
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);

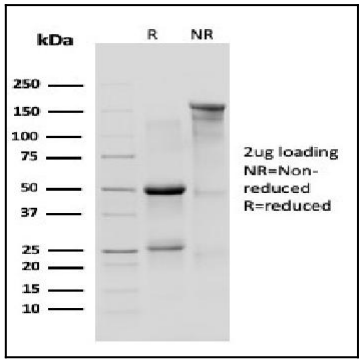


Fig. 1: SDS-PAGE Analysis Purified IL-10R1 Rat Monoclonal Antibody (1B1.3a). Confirmation of Integrity and Purity of Antibody.

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