IL-10RA Antibody / IL-10R1 [clone 1B1.3a] (V8346)

Catalog No.	Formulation	Size
V8346-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8346-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8346SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Purified
Host	Rat
Clonality	Monoclonal (rat origin)
Isotype	Rat IgG1, kappa
Clone Name	1B1.3a
Purity	Protein G affinity chromatography
UniProt	Q61727
Applications	Flow cytometry: 1-2ug/10^6 cells
Limitations	This IL-10RA antibody is available for research use only.



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.

Application Notes

Optimal dilution of the IL-10RA antibody should be determined by the researcher.

Immunogen

Purified recombinant extracellular region of mouse IL10RA was used as the immunogen for the IL-10RA antibody.

Storage

Store the IL-10RA antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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