

Rat anti-Mouse IL-10R Monoclonal Antibody | anti-IL-10R antibody

Anti-IL-10R [1B1.3a]

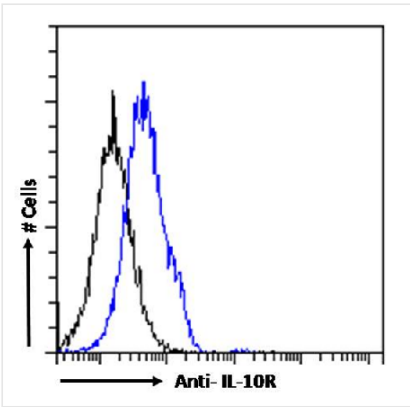
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72143	Rat	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

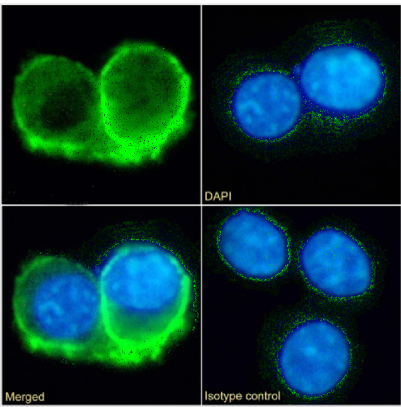
IL-10R; Monoclonal Antibody; Anti-IL-10R [1B1.3a]; CD210; Interleukin-10 receptor subunit; Interleukin-10 receptor subunit alpha; IL10ra IL10r; IL-10 receptor subunit alpha; IL-10R subunit alpha; IL-10RA; CDw210a; Interleukin-10 receptor subunit 1; IL-10R subunit 1; IL-10R1; IBI-3A; 1B1-3A; anti-IL-10R antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG1, kappa
Clone Number	1B1.3a
Specificity	This antibody recognizes mouse IL-10R which is a cell surface glycoprotein and a receptor for anti-inflammatory IL-10. The epitope recognised by this antibody has been localised to the ligand binding domain within the extracellular region of mouse IL-10R.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IL-10R antibody	Blocking, FCM/FACS (Flow Cytometry)
PMID	9463379
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



FCM/FACS (Flow Cytometry)
Flow cytometry using the Anti-IL-10R antibody 1B1.3a . RAW264.7 cells were stained with anti-unknown specificity antibody or the rabbit IgG version of 1B1.3a at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)
Immunofluorescence staining of fixed RAW264.7 cells with anti-IL-10R antibody 1B1.3a
Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of 1B1.3a at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-10R antibody	Recombinant monoclonal antibody to IL-10R. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 1B1.3a. This antibody was raised by immunising rats with the purified recombinant extracellular region of mouse Interleukin 10 Receptor.
Product Categories/Family for anti-IL-10R antibody	immunotherapy ; cancer ; oncology ; tumour vaccine ; tumor ; immune activation
References	O'Farrell et al. IL-10 inhibits macrophage activation and proliferation by distinct signaling mechanisms: evidence for Stat3-dependent and -independent pathways. EMBO J. 1998 Feb 16;17(4):1006-18. Note on publication: This article describes the method of generation of antibodies like 1B1.3a.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680389
NCBI GeneID	16154
NCBI Accession #	NP_032374.1
NCBI GenBank Nucleotide #	NM_008348.2
UniProt Accession #	Q61727
Molecular Weight	64,248 Da
NCBI Official Full Name	interleukin-10 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 10 receptor, alpha
NCBI Official Symbol	IL10ra
NCBI Official Synonym Symbols	IL10r; CDw210; CDw210a; mIL-10R; AW553859
NCBI Protein Information	interleukin-10 receptor subunit alpha; IL-10 receptor subunit alpha; IL-10R subunit 1; IL-10R subunit alpha; IL-10R1; IL-10RA; interleukin-10 receptor subunit 1
UniProt Protein Name	Interleukin-10 receptor subunit alpha
UniProt Gene Name	IL10ra

UniProt Synonym Gene Names	Il10r; IL-10 receptor subunit alpha; IL-10R subunit alpha; IL-10RA; IL-10R subunit 1; IL-10R1
UniProt Entry Name	Il10R1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-10r-antibody-clone-1b1-3a-flow-cytometry-elisa/72143>