



Anti-IL10 monoclonal antibody, clone JES5-2A5 [R-PE] (CABT-48540RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Rat anti Mouse Interleukin-10 antibody, clone JES5-2A5 recognizes mouse Cytokine synthesis inhibitory factor (CSIF), also known as interleukin-10 (IL-10). IL-10 is produced by Ly-1(CD5) expressing B cells and a subset of stimulated T cells. IL-10 has a wide range of biological properties, including the inhibition of macrophage and T helper cell mediated cytokine synthesis, and the suppression of the delayed hypersensitivity response. Rat anti Mouse Interleukin-10 antibody, clone JES5-2A5 is reported to neutralize the activity of murine IL-10. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10⁶ cells in 100ul.

Specificity	IL10
Immunogen	Recombinant Mouse IL-10
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse, Goat
Clone	JES5-2A5
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is

photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IL10 interleukin 10 [Mus musculus (house mouse)]
Official Symbol	IL10
Synonyms	IL10; interleukin 10; CSIF; IL-10; interleukin-10; cytokine synthesis inhibitory factor;
Entrez Gene ID	16153
Protein Refseq	NP_034678
UniProt ID	P18893
Chromosome Location	1 E4; 1 56.89 cM
Pathway	African trypanosomiasis; Allograft rejection; Amoebiasis; Asthma; Autoimmune thyroid disease; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta);
Function	cytokine activity; interleukin-10 receptor binding;