

Elab Fluor® 700 Anti-Human IL-10 Antibody[JES3-9D7]

Catalog Number: GFH1198M1

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

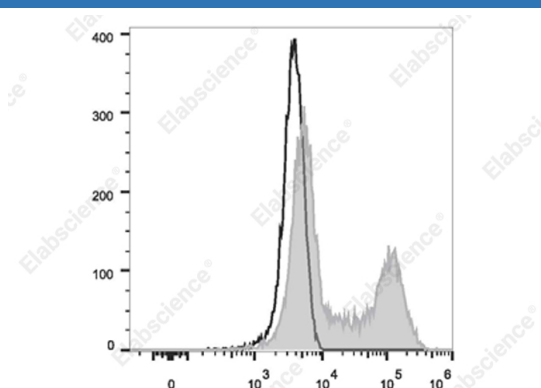
Reactivity	Human
Host	Rat
Isotype	Rat IgG1, κ
Clone No.	JES3-9D7
Isotype Control	Elab Fluor® 700 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822M1]
Conjugation	Elab Fluor® 700
Conjugation Information	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Staining of the CHO/293T cells transfected with pcDNA3.1 plasmid encoding Human IL-10 gene with Elab Fluor® 700 Anti-Human IL-10 Antibody[JES3-9D7] (filled gray histogram) or Rat IgG1, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	CSIF;Cytokine synthesis inhibitory factor;IL-10;Interleukin-10
Uniprot ID	P22301
Gene ID	3586

For Research Use Only

Background

IL-10 was originally described as Cytokine Synthesis Inhibitory Factor (CSIF) by virtue of its ability to inhibit cytokine production by Th1 clones. IL-10 shares over 80% sequence homology with the Epstein-Barr virus protein BCRF1. The biological activities of IL-10 include inhibition of macrophage-mediated cytokine synthesis, suppression of the delayed type hypersensitivity response, and stimulation of the Th2 cell response, which results in elevated antibody production.