

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Mouse IL-10 Antibody[JES5-16E3]

Catalog Number: E-AB-F1197UM1

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

| | 4.0 |
|---------------|-------|
| Descri | ntion |
| DESCII | |
| | |

Reactivity Mouse Host Rat

IsotypeRat IgG2b, κClone No.JES5-16E3

Isotype Control Elab Fluor® 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843M1]

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).

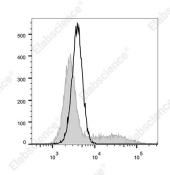
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶ cells in 100 μ L volume].

Data



Intracellular staining of the 293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-10 gene with Elab Fluor[®] 700 Anti-Mouse IL-10 Antibody[JES5-16E3](filled gray histogram) or Elab Fluor[®] 700 Rat IgG2b, 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 P18893

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

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Gene ID Background 16153

IL-10 was originally described as Cytokine Synthesis Inhibitory Factor (CSIF) by virtue of its ability to inhibit cytokine production by Th1 clones. IIL-10 shares over 80% sequence homology with the Epstein-Barr virus protein BCRFI. IIL-10 inhibits IFN-γ, TNF- β , and IL-2 production by Th1 clones; inhibits macrophage-mediated IL-1, IL-6, and TNF- α synthesis; suppresses the delayed type hypersensitivity response; stimulates Th2 cell response (which results in elevated antibody production); and promotes mast cell proliferation in combination with IL-4.