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Elab Fluor® 488 Anti-Human IL-10 Antibody[JES3-9D7]

Catalog Number: E-AB-F1198L

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

Description

Reactivity Human Rat Host

Isotype Rat IgG1, ĸ JES3-9D7 Clone No.

Isotype Control Elab Fluor® 488 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822L]

Conjugation Elab Fluor®488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

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

Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM**

> 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.

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

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 BCRFI. 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.

Tel: 1-832-243-6086 Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Web:www.elabscience.com

Email:techsupport@elabscience.com

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