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# FITC Anti-Human IL-10 Antibody[JES3-9D7]

Catalog Number: E-AB-F1198C

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

#### Description

Reactivity Human Host Rat

IsotypeRat IgG1, κClone No.JES3-9D7

Isotype Control FITC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822C]

**Conjugation** FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

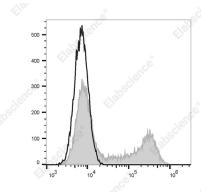
### Applications Recommended usage

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

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

#### Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Human IL-10 gene are stained with FITC Anti-Human IL-10 Antibody[JES3-9D7] (filled gray histogram) or FITC Rat IgG1, κ Isotype Control (empty black histogram).

#### **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

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## **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.

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