

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

Catalog Number: E-AB-F1198E

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

### Description

Reactivity	Human
Host	Rat
Isotype	Rat IgG1, $\kappa$
Clone No.	JES3-9D7
Isotype Control	APC Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09822E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

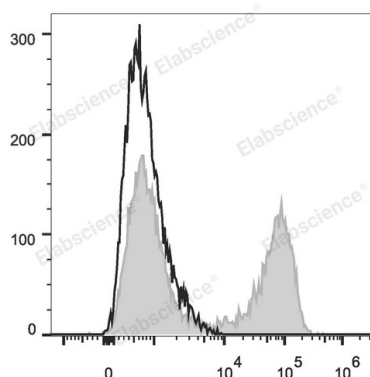
### Applications

### 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 APC Anti-Human IL-10 Antibody (filled gray histogram) or APC Rat IgG1,  $\kappa$  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

## 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.