

## PE Anti-Mouse IL-10 Antibody[JES5-16E3]

<b>Catalog No.</b>	E-AB-F1197D	<b>Reactivity</b>	Mouse
<b>Storage</b>	Store at 2~8°C, Avoid freeze / thaw cycles	<b>Applications</b>	ICFCM

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

### Antigen Information

<b>Alternate Names</b>	Interleukin-10,IL-10,Cytokine synthesis inhibitory factor,CSIF
<b>Uniprot ID</b>	P18893
<b>Background</b>	L-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. IL-10 inhibits IFN- $\gamma$ , TNF- $\beta$ , and IL-2 production by Th1 clones; inhibits macrophage-mediated IL-1, IL-6, and TNF- $\alpha$ 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.

### Product Details

<b>Form</b>	Liquid
<b>Size</b>	50Tests/100Tests/100Tests $\times$ 2
<b>Clone No.</b>	JES5-16E3
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b, $\kappa$
<b>Reactivity</b>	Mouse
<b>Application</b>	ICFCM
<b>Isotype Control</b>	<a href="#">PE Rat IgG2b, <math>\kappa</math> Isotype Control[LTF-2] [Product E-AB-F09842D]</a>
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping</b>	Biological ice pack at 4 °C
<b>Stability &amp; Storage</b>	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase.

### For Research Use Only

## Fluorophore

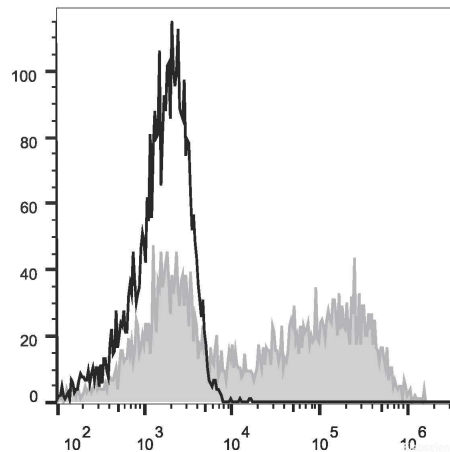
**Conjugation:** PE

PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).

## Recommended usage

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.

## Product data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IL-10 gene are stained with PE Anti-Mouse IL-10 Antibody (filled gray histogram) or PE Rat IgG2b, κ Isotype Control (empty black histogram).

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Intracellular Antigens for Flow Cytometry <https://www.elabscience.com/List-detail-5570.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>