

## 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   |
| Host                    | Rat   |
| Isotype                 | Rat IgG1, $\kappa$  |
| Clone No.               | JES3-9D7  |
| Isotype Control         | Elab Fluor® 488 Rat IgG1, $\kappa$ 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). |
| 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. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> 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.<br>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 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. |

### For Research Use Only