

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Mouse IL-2 Antibody[JES6-5H4]

Catalog Number: E-AB-F1201UM1

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

# **Description**

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ JES6-5H4 Clone No.

Isotype Control Elab Fluor<sup>®</sup> 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843M1]

Conjugation Elab Fluor®700

**Conjugation Information** Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

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

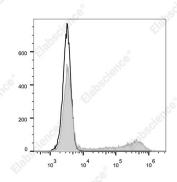
#### **Applications** Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu g/10^6$  cells

in 100 µL volume].

#### Data



Intracellular staining of the 293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-2 gene with Elab

Fluor® 700 Anti-Mouse IL-2 Antibody[JES6-5H4](filled gray histogram) or Elab Fluor® 700 Rat IgG2b, κ Isotype Control(empty black histogram). Total viable cells were used for analysis.

### **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** IL-2;IL2;Interleukin-2;T-cell growth factor;TCGF

P04351 **Uniprot ID** 

# For Research Use Only

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## **Elabscience Bionovation Inc.**



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Gene ID

Background

16183

IL-2 is a potent lymphoid cell growth factor which exerts its biological activity primarily on T cells. Additionally, IL-2 has been found to stimulate growth and differentiation of B cells, NK cells, LAK cells, monocytes, and oligodendrocytes.