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# FITC Anti-Mouse IL-2 Antibody[JES6-5H4]

Catalog Number: E-AB-F1201UC

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

#### **Description**

Reactivity Mouse Host Rat

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

Isotype Control FITC Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843C]

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).

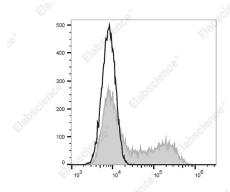
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. 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<sup>6</sup> cells in 100  $\mu$ L volume].

#### Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IL-2 gene are stained with FITC Anti-Mouse IL-2 Antibody[JES6-5H4] (filled gray histogram) or FITC Rat IgG2b, 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 IL-2;IL2;Interleukin-2;T-cell growth factor;TCGF

 Uniprot ID
 P04351

 Gene ID
 16183

# For Research Use Only

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# **Elabscience Bionovation Inc.**



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# **Background**

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.