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

Catalog Number: E-AB-F1201UC

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

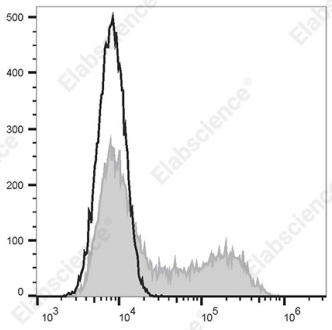
Description

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% sodium azide and 1% BSA.

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 μg/10^6 cells in 100 μL 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

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.