Elab Fluor® 700 Anti-Human IL-2 Antibody[MQ1-17H12]

Catalog Number: E-AB-F1200M1

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

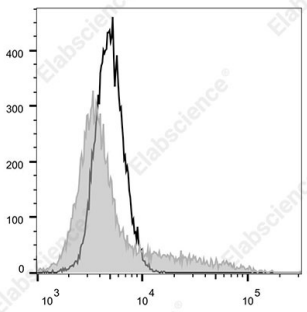
Description

Reactivity	Human
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	MQ1-17H12
Isotype Control	Elab Fluor® 700 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832M1]
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).
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. **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.

Data



Intracellular staining of the 293T cells transfected with pcDNA3.1 plasmid encoding Human IL-2 gene with Elab Fluor® 700 Anti-Human IL-2 Antibody[MQ1-17H12](filled gray histogram) or Elab Fluor® 700 Rat IgG2a, 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
Uniprot ID	P60568

Gene ID	3558
Background	IL-2 is a potent lymphoid cell growth factor which exerts its biological activity primarily on T cells, promoting proliferation and maturation. Additionally, IL-2 has been found to stimulate growth and differentiation of B cells, NK cells, LAK cells, monocytes, and oligodendrocytes.