

A Reliable Research Partner in Life Science and Medicine

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.

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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).

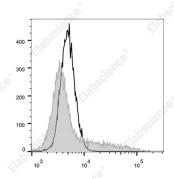
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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

For Research Use Only

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Gene ID

Background

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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.