

## APC Anti-Human IL-2 Antibody[MQ1-17H12]

Catalog Number: E-AB-F1200E

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

### Description

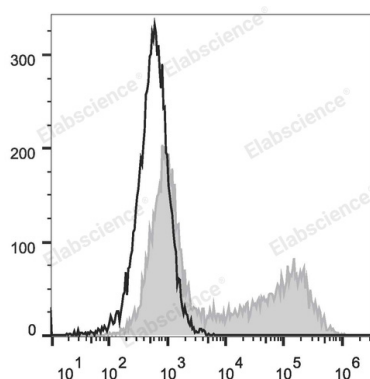
Reactivity	Human
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	MQ1-17H12
Isotype Control	APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 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. <b>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).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Human IL-2 gene are stained with APC Anti-Human IL-2 Antibody (filled gray histogram) or APC Rat IgG2a, κ Isotype Control (empty black histogram).

### Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 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

### For Research Use Only

## **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.