

## APC Anti-Human IL-6 Antibody[MQ2-13A5]

Catalog Number: E-AB-F1206E

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

### Description

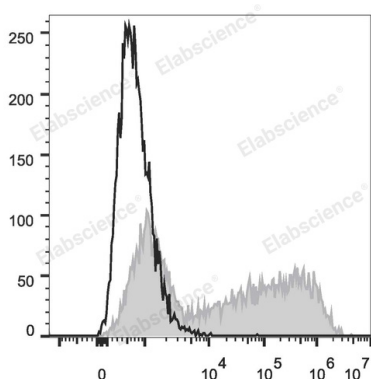
Reactivity	Human
Host	Rat
Isotype	Rat IgG1, $\kappa$
Clone No.	MQ2-13A5
Isotype Control	APC Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09822E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered 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 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L 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-6 gene are stained with APC Anti-Human IL-6 Antibody (filled gray histogram) or APC Rat IgG1,  $\kappa$  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	B-cell hybridoma growth factor;IL-6;Interleukin HP-1;Interleukin-6
Uniprot ID	P05231
Gene ID	3569

### For Research Use Only

## **Background**

IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survival of certain B cells and T cells. IL-6 plays a role in host defense, acute phase reactions, immune response, and hematopoiesis. IL-6 is expressed by T cells, B cells, monocytes, fibroblasts, hepatocytes, endothelial cells, and keratinocytes.