

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

Catalog Number: GFH1206E

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

Description

Reactivity	Human
Host	Rat
Isotype	Rat IgG1, κ
Clone No.	MQ2-13A5
Isotype Control	APC Rat IgG1, κ 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% sodium azide.

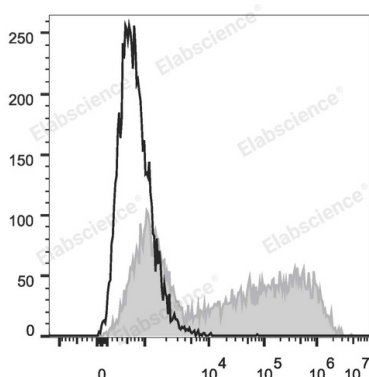
Applications

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



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, 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	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.