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# 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

IsotypeRat  $\lg G1$ ,  $\kappa$ 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).

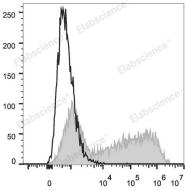
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

# 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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

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# **Elabscience Bionovation Inc.**



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# **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.