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

Catalog Number: E-AB-F1206C

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

#### Description

Reactivity Human Rat Host

Isotype Rat IgG1, ĸ MQ2-13A5 Clone No.

FITC Rat IgG1, K Isotype Control[HRPN] [Product E-AB-F09822C] Isotype Control

Conjugation

**Conjugation Information** FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

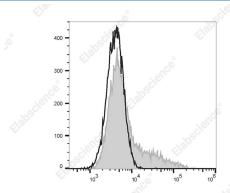
#### **Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM** 

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). 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 FITC Anti-Human IL-6 Antibody[MQ2-13A5] (filled gray histogram) or FITC 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

Tel: 1-832-243-6086 Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Web:www.elabscience.com

### **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.