

## PE Anti-Mouse IL-6 Antibody[MP5-20F3]

**Catalog Number:** E-AB-F1207UD

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

### Description

|                                |   |
|--------------------------------|---|
| <b>Reactivity</b>              | Mouse   |
| <b>Host</b>                    | Rat   |
| <b>Isotype</b>                 | Rat IgG1, $\kappa$  |
| <b>Clone No.</b>               | MP5-20F3  |
| <b>Isotype Control</b>         | PE Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09823D]  |
| <b>Conjugation</b>             | PE  |
| <b>Conjugation Information</b> | PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter). |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.   |

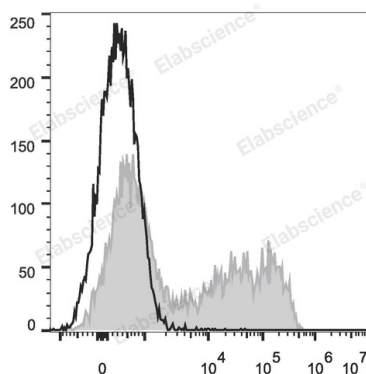
### Applications

### Recommended usage

#### FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu\text{g}/10^6$  cells in 100  $\mu\text{L}$  volume].

### Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IL-6 gene are stained with PE Anti-Mouse IL-6 Antibody (filled gray histogram) or PE Rat IgG1,  $\kappa$  Isotype Control (empty black histogram).

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| <b>Shipping</b> | Ice bag   |

### Antigen Information

|                        |  |
|------------------------|--|
| <b>Alternate Names</b> | B-cell hybridoma growth factor;IL-6;Interleukin HP-1;Interleukin-6 |
| <b>Uniprot ID</b>      | P08505   |

### For Research Use Only

**Gene ID**

16193

**Background**

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

**For Research Use Only**

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.4