

## Elab Fluor® 700 Anti-Mouse IL-6 Antibody[MP5-20F3]

Catalog Number: E-AB-F1207UM1

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

### Description

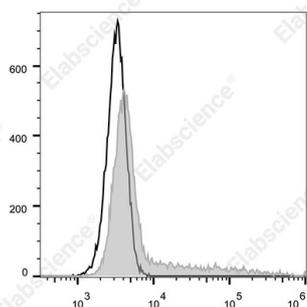
<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, $\kappa$
<b>Clone No.</b>	MP5-20F3
<b>Isotype Control</b>	Elab Fluor® 700 Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09823M1]
<b>Conjugation</b>	Elab Fluor® 700
<b>Conjugation Information</b>	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

<b>FCM</b>	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].
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### Data



Intracellular staining of the 293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-6 gene with Elab

Fluor® 700 Anti-Mouse IL-6 Antibody[MP5-20F3](filled gray histogram) or Elab Fluor® 700 Rat IgG1,  $\kappa$  Isotype Control(empty black histogram). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	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.
<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.