

**AF/LE Purified Anti-Mouse IL-6 Antibody[MP5-20F3]**

<b>Catalog No.</b>	E-AB-F12070	<b>Reactivity</b>	Mouse
<b>Storage</b>	Store at 2~8°C, Avoid freeze / thaw cycles	<b>Applications</b>	Neut,ICFCM

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

**Antigen Information**

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

**Product Details**

<b>Form</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	50µg/500µg/1mg
<b>Clone No.</b>	MP5-20F3
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, κ
<b>Reactivity</b>	Mouse
<b>Application</b>	Neut,ICFCM
<b>Isotype Control</b>	<a href="#">AF/LE Purified Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F098230]</a>
<b>Storage Buffer</b>	0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
<b>Shipping</b>	Biological ice pack at 4 °C
<b>Stability &amp; Storage</b>	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase.

**For Research Use Only**

## Fluorophore

**Conjugation:** None (Purified antibody-Azide Free/Low endotoxin)

## Recommended usage

Each lot of this antibody is quality control tested by ELISA assay. For ELISA applications, a concentration range of 0.5 – 2.0 µg/mL is recommended. To obtain a linear standard curve, serial dilutions of mouse IL-6 recombinant protein ranging from 500 to 8 pg/mL are recommended for each ELISA plate. For ELISPOT applications, a concentration range of 4.0 - 8.0 µg/mL is recommended. It is recommended that the reagent be titrated for optimal performance for each application.

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Intracellular Antigens for Flow Cytometry <https://www.elabscience.com/List-detail-5570.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>