

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

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

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

Antigen Information

Alternate Names	Interleukin-6,IL-6,B-cell hybridoma growth factor,Interleukin HP-1
Uniprot ID	P08505
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.

Product Details

Form	Liquid
Concentration	0.5 mg/mL
Size	50µg/500µg/1mg
Clone No.	MP5-20F3
Host	Rat
Isotype	Rat IgG1, κ
Reactivity	Mouse
Application	Neut,ICFCM
Isotype Control	AF/LE Purified Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F098230]
Storage Buffer	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.
Shipping	Biological ice pack at 4 °C
Stability & Storage	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>