

PE Anti-Mouse IL-6 Antibody[MP5-20F3]**Catalog No.** E-AB-F1207UD**Storage** Store at 2~8°C, Avoid freeze / thaw cycles**Reactivity** Mouse**Applications** 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** 0.2 mg/mL**Size** 25µg/100µg**Clone No.** MP5-20F3**Host** Rat**Isotype** Rat IgG1, κ**Reactivity** Mouse**Application** ICFCM**Isotype Control** [PE Rat IgG1, κ Isotype Control\[HRPN\]](#) [\[Product E-AB-F09823D\]](#)**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.**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.

Fluorophore

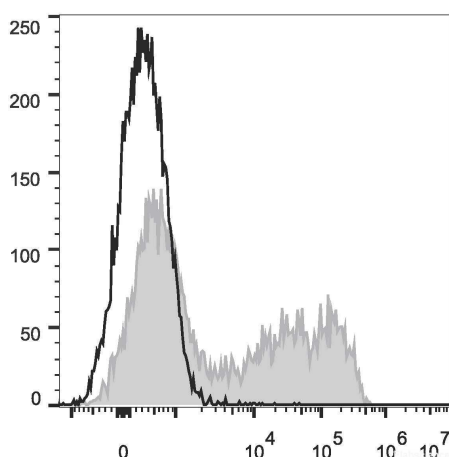
Conjugation: PE

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).

Recommended usage

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 μL volume].

Product 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, κ Isotype Control (empty black histogram).

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>