

Anti-Mouse IL-6 (MP5-20F3) In Vivo Antibody - Low Endotoxin

Product Code: ICH1283

More Information

Species Reactivity: Mouse

Target: Interleukin-6

Concentration: 1.0 mg/ml

Isotype: Rat IgG1

Host: Rat

product name H2: Anti-Mouse IL-6 (MP5-20F3) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Buffer: ICH3002

UniProt: P08505

Shipping Conditions: Blue ice

background: Interleukin-6 is a pleiotropic cytokine driving inflammation, acute-phase responses, and immune regulation in mice and humans alike. Clone MP5-20F3 is a rat IgG1 monoclonal antibody against mouse IL-6, validated for ELISA capture, ELISPOT, functional assays, in vivo studies, and neutralization. Anti-mouse IL-6 clone MP5-20F3 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities to support bulk and high-throughput laboratories. With reliable lot-to-lot consistency, MP5-20F3 is a dependable reagent for murine cytokine and inflammation research, offered for research use only.

Other names: Interleukin-6, IL6, Anti-Mouse IL6, Anti-Mouse IL-6, BCSF

clone: MP5-20F3

Specificity: Clone MP5-20F3 recognizes an epitope on mouse IL-6.

Purification Method: This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Formulation: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Purity: >95% by SDS-PAGE and HPLC

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^\circ\text{C}$. Avoid Repeated Freeze Thaw Cycles.

Applications: ELISA Capture, ELISPOT, Functional Assays, in vivo, Neutralization

Application Notes: Each investigator should determine their own optimal working dilution for specific applications.

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.