

## IL6

### Rat Anti-Mouse IL-6 Clone MP5-20F3 LE/NA mAb

|                           |  |                  |                 |
|---------------------------|--|------------------|-----------------|
| <b>Catalog No.</b>        | CSI10104<br>CSI10105   | <b>Quantity:</b> | 50 µg<br>0.5 mg |
| <b>Alternate Names:</b>   | Interleukin-6, B cell stimulating factor-2 (BSF-2), Cytotoxic T cell differentiation factor (CDF), Hepatocyte stimulating factor (HSF), Hybridoma/plasmacytoma growth factor (HPGF)  |                  |                 |
| <b>Description:</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.  |                  |                 |
| <b>Concentration:</b>     | 1.0 mg/ml  |                  |                 |
| <b>Gene ID:</b>           | 16193  |                  |                 |
| <b>Host:</b>              | Rat  |                  |                 |
| <b>Immunogen:</b>         | COS-7-expressed, recombinant mouse IL-6  |                  |                 |
| <b>Isotype:</b>           | Rat IgG1, κ  |                  |                 |
| <b>Clone:</b>             | MP5-20F3   |                  |                 |
| <b>Bioactivity:</b>       | Hematopoiesis; antigen-specific immune responses, inflammatory reactions; acute phase reaction   |                  |                 |
| <b>Formulation:</b>       | Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 µm filter sterilized. Endotoxin level is < 0.1 EU/µg of the protein (< 0.01 ng/µg of the protein) as determined by the LAL test.  |                  |                 |
| <b>Purification:</b>      | The (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography.  |                  |                 |
| <b>Reactivity:</b>        | Mouse  |                  |                 |
| <b>Applications:</b>      | ELISA Capture, ELISPOT Capture, ICFC, IHC, Neut  |                  |                 |
| <b>Recommended Usage:</b> | The MP5-20F3 antibody reacts with mouse interleukin-6 (IL-6). The MP5-20F3 antibody can neutralize the bioactivity of natural or recombinant IL-6. Each lot of this antibody is quality control tested by ELISA assay. For ELISA applications, a concentration range of 1 -4 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of mouse IL -6 recombinant protein ranging from 1000 to 8 pg/ml are recommended for each ELISA plate. For ELISPOT applications, a concentration range of 4-8 µg/ml is recommended. It is recommended that the reagent be titrated for optimal performance for each application. |                  |                 |

#### Storage & Stability:

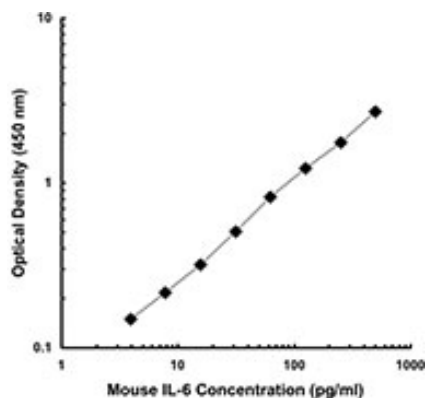


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The antibody solution should be stored undiluted at 2-4°C. **Do not freeze. This solution contains no preservative; handle under aseptic conditions.**



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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