

## IL6

### Mouse Anti-Human IL-6 (Clone B-F6) mAb, Azide Free

|                                 |   |                  |                  |
|---------------------------------|---|------------------|------------------|
| <b>Catalog No.</b>              | CDM267A<br>CDM267B  | <b>Quantity:</b> | 200 µg<br>500 µg |
| <b>Alternate Names:</b>         | Interleukin-6, B-cell stimulatory factor 2, BSF-2, CTL differentiation factor, CDF, Hybridoma growth factor, Interferon beta-2, IFN-beta-2  |                  |                  |
| <b>Description:</b>             | The mouse monoclonal antibody recognizes human IL-6, a cytokine that functions in inflammation and the maturation of B cells. In addition, it has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. |                  |                  |
| <b>UniProt ID:</b>              | P05231  |                  |                  |
| <b>Gene ID:</b>                 | 3569  |                  |                  |
| <b>Concentration:</b>           | 1.0 mg/ml   |                  |                  |
| <b>Specificity:</b>             | Recognizes both native and recombinant human IL-6.  |                  |                  |
| <b>Hybridoma:</b>               | Myeloma X63/AG.8653 x Balb/c spleen cells   |                  |                  |
| <b>Isotype:</b>                 | Mouse IgG1 Kappa light chain  |                  |                  |
| <b>Immunogen:</b>               | Recombinant human IL-6  |                  |                  |
| <b>Clone:</b>                   | B-F6  |                  |                  |
| <b>Formulation:</b>             | Sterile-filtered PBS, carrier and preservative free.  |                  |                  |
| <b>Purification:</b>            | Ion exchange chromatography   |                  |                  |
| <b>Biological Activity:</b>     | No effect on IL-6-induced proliferation in B9 cell line.  |                  |                  |
| <b>Applications:</b>            | Flow cytometry, Immunohistochemistry, Western blot  |                  |                  |
| <b>Storage &amp; Stability:</b> | Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C.<br><b>Avoid repeated freeze-thaw cycles.</b>  |                  |                  |

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