

## IL6

### Mouse Anti-Human IL-6 (Clone B-E4) Azide Free mAb

**Catalog No.** CDM498      **Quantity:** 500 µg

**Alternate Names:** Interleukin-6, IL6, B-cell stimulatory factor, BSF-2

**Description:** Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells involved in lymphocyte and monocyte differentiation. Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. Required for the generation of T(H)17 cells. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance. It induces myeloma and plasmacytoma growth and induces nerve cell differentiation.

**Concentration:** 1.0 mg/ml

**UniProtKB:** P05231

**Specificity:** Recognizes both native and recombinant human IL-6

**Hybridoma:** Myeloma X63/AG.8653 x Balb/c spleen cells

**Isotype:** Mouse IgG2b<sub>K</sub>

**Immunogen:** Recombinant human IL-6

**Clone:** B-E4

**Formulation:** Liquid in PBS. Sterile filtered, 0.22µm, carrier and preservative free.

**Applications:** ELISA

**Storage & Stability:** Stable at 2-8°C for 1 year. It is recommended to store as working aliquots at -20°C to -80°C. **Avoid repeated freeze/thaw cycles.**

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



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