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IGF1 Antibody Monoclonal Anti-Human (Clone AT6F8)

单克隆抗体

产品货号: MA01435

第三版

**免疫原:** Recombinant human IGF1 (49-118aa) purified from E. coli

**亚型:** IgG2b,k

**克隆:** Anti-human IGF1 mAb, clone AT6F8, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human IGF1 protein

**描述:** Insulin-like growth factor 1 (IGF-1), also called somatomedin C, is a protein that in humans is encoded by the IGF1 gene. IGF-1 has also been referred to as a Sulfation factor and its effects were termed nonsuppressible insulin-like activity (NSILA) in the 1970s. IGF-1 is a hormone similar in molecular structure to insulin. It plays an important role in childhood growth and continues to have anabolic effects in adults. A synthetic analog of IGF-1, mecasermin, is used for the treatment of growth failure. IGF-1 consists of 70 amino acids in a single chain with three intramolecular disulfide bridges. IGF-1 has a molecular weight of 7,649 daltons.

**配方:** Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.

**浓度:** 1mg/ml

**保存:** +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.

**应用:** ELISA, WB, ICC/IF