



本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

SOD1 Antibody (Clone AT6F1)

单克隆抗体

产品货号: MA01604

第三版

**免疫原:** Recombinant human SOD1 (1-154aa) purified from E. coli

**亚型:** Mouse IgG1, k

**克隆:** Anti-human SOD1 mAb, clone AT6F1, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human SOD1 protein.

**描述:** Cu/Zn superoxide dismutase (SOD1), is a major antioxidant enzyme that catalyzes the conversion of superoxide anion to hydrogen peroxide and molecular oxygen. SOD1 facilitates the dismutation of oxygen radicals to hydrogen peroxide and also catalyzes pro-oxidant reactions, which include the peroxidase activity and hydroxyl radical generating activity. Also over 100 distinct SOD1 inherited mutations have been identified in the familial form of amyotrophic lateral sclerosis (ALS), a progressive degenerative disease of motor neurons. The mechanism by which mutant SOD1 induces the neurodegeneration observed in ALS is still unclear.

**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