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HINT2 Antibody (Clone AT5B10)

单克隆抗体

产品货号: MA01413

第三版

免疫原: Recombinant human HINT2 (18-163aa) purified from E. coli

亚型: Mouse IgG1, k

克隆: Anti-human HINT2 mAb, clone AT5B10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human HINT2 protein.

描述: Histidine triad nucleotide binding protein 2 (HINT2) is a mitochondrial protein. This protein is an AMP-lysine hydrolase and phosphoamidase and may contribute to tumor suppression. This protein is a member of the HIT superfamily and Hint subfamily, which are characterized as nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides. HINT2 regulates steroidogenesis through calcium-dependent and calcium-independent signalling pathways that may serve to maintain a favorable mitochondrial potential. Its role in calcium homeostasis may also contribute to its proapoptotic function in hepatocytes and other non-steroidogenic cells, though the exact mechanism remains unclear.

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

浓度: 1 mg/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