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IDH1 Antibody (Clone AT25H10)

单克隆抗体

产品货号: MA01430

第三版

免疫原: Recombinant human IDH1 (1-414aa) purified from E. coli

亚型: Mouse IgG2a, k

克隆: Anti-human IDH1 mAb, clone AT25H10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human IDH1 protein.

描述: IDH1, also known as isocitrate dehydrogenase (IDHC) cytoplasmic enzyme, belongs to the isocitrate and isopropylmalate dehydrogenases family. This protein catalyzes the third step of the citric acid cycle, which involves the oxidative decarboxylation of isocitrate, forming alpha-ketoglutarate and CO₂ in a two-step reaction. The first step involves the oxidation of isocitrate to the intermediate oxalosuccinate, while the second step involves the production of alpha-ketoglutarate. IDH1 is expressed in a wide range of species and also in organisms that lack a complete citric acid cycle.

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