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PKM2 Monoclonal Antibody (Clone AT1B10)

单克隆抗体

产品货号: MA01696

第三版

**免疫原:** Recombinant human PKM2 (1-531aa) purified from E.coli.

**亚型:** IgG1,k

**克隆:** Anti-human PKM2 mAb, clone AT1B10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human PKM2 protein.

**描述:** PKM2 (pyruvate kinase M2), its association with phospho-tyrosine (pTyr) motifs, enables cells to use predominantly aerobic glycolysis instead of oxidative phosphorylation. Also PKM2 suggest that this change benefits cancer cells by enabling them to redirect glycolytic metabolites away from oxidation and energy production and, instead, toward anabolic processes and biosynthesis. PKM2-mediated generation of the aerobic glycolytic phenotype, although wasteful in terms of glucose consumption and waste generation, could provide a variety of advantages for cancerous cells. In addition nuclear translocation of the tumor marker pyruvate kinase M2 induces programmed cell death.

**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