

**PKM2 (1A7) monoclonal antibody**

Catalog: MB3026

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

**BackGround:**

Pyruvate kinase is a glycolytic enzyme that catalyses the conversion of phosphoenolpyruvate to pyruvate. PKM2 is shown to be essential for aerobic glycolysis in tumors, known as the Warburg effect.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 58 kDa; Observed MW: 58 kDa

**Swiss-Prot:**

P14618

**Purification&Purity:**

Affinity Purified

**Applications:**

WB: 1/500-1/1000 IF: 1/50-1/200

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG1

**DATA:**

Western blot analysis of PKM2 in HCT116, COS7, K562, A549 and Hela lysates using PKM2 antibody.

Immunofluorescence analysis of PKM2 in 3T3 using PKM2 antibody.

Immunoprecipitation analysis of PKM2 in Hela lysates using PKM2 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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