

PGK1 monoclonal antibody

Catalog: MB11404

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. It belongs to the phosphoglycerate kinase family and defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D).

Product:

50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 45 kDa; Observed MW: 45 kDa

Swiss-Prot:

P00558

Purification&Purity:

Affinity Purified

Applications:

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

Storage&Stability:

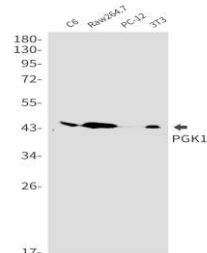
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot analysis of PGK1 in C6, Raw264.7, PC-12, 3T3 lysates using PGK1 antibody.

Western blot analysis of PGK1 in HeLa lysates using PGK1 antibody.

Western blot analysis of PGK1 in MCF-7, HCT116, T47D, HeLa lysates using PGK1 antibody

Immunocytochemistry analysis of PGK1 in HeLa using PGK1 antibody, and DAPI.

Note:

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

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