

Product Datasheet

PGK1 Antibody

Catalog No: CY5536

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF FC



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Information

UniProt ID: P00558

All Names: MGC117307; MGC142128; MGC8947; MIG10; PGKA; PGK1; PRP2;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 45 kDa

Application

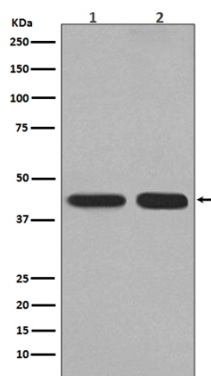
WB: 1:500~1:2000

ICC/IF: 1:50~1:200

FC: 1:50

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).



Western blot analysis of PGK1 expression in (1) HepG2 cell lysate; (2) Mouse kidney lysate.

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