

PGK1 RABBIT PAB

Cat.#: N225550

Product Name: Anti-PGK1 Rabbit pAb

Synonyms: PGKA; MIG10; HEL-S-68p

UNIPROT ID: P00558

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).

Immunogen: A synthesized peptide derived from human PGK1

Applications: WB, ICC/IF, FC

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 FC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 45 kDa; Observed MW: 45 kDa

Isotype: IgG

Purification: Affinity Chromatography

Species Reactivity: Human, Mouse, Rat

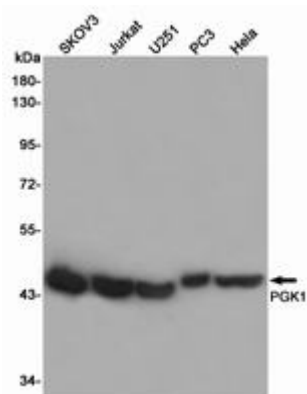
Conjugation: Unconjugated

Modification: Unmodified

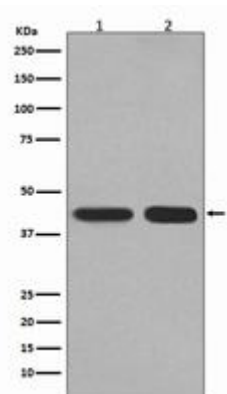
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of PGK1 in SKOV-3, Jurkat, U251, PC-3 and Hela lysates using PGK1 antibody.



Western blot analysis of PGK1 in (1) HepG2 lysates; (2) mouse kidney lysates using PGK1 antibody.