

## PGK1 RABBIT MAB

**Cat.#:** N262705

**Product Name:** Anti-PGK1 Rabbit Monoclonal Antibody

**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 synthetic peptide of human PGK1

**Applications:** WB, ICC/IF

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

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-9H9

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

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

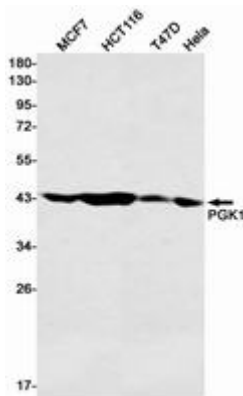
**Conjugation:** Unconjugated

**Modification:** Unmodified

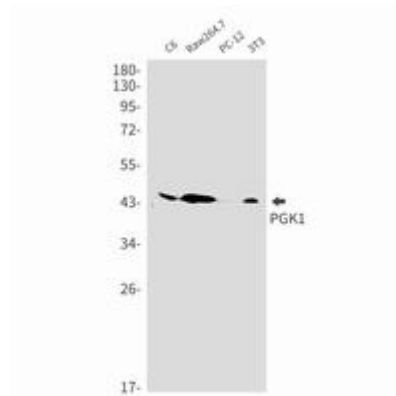
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cardiovascular

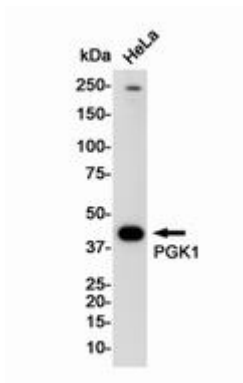
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



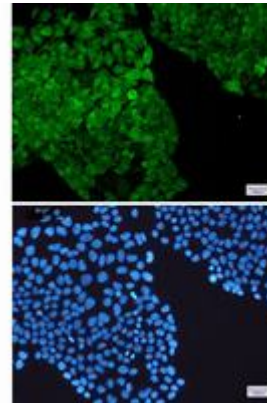
Western blot analysis of PGK1 in MCF-7, HCT116, T47D, HeLa lysates using PGK1 antibody



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.



Immunocytochemistry analysis of PGK1(green) in HeLa using PGK1 antibody, and DAPI(blue).