

Goat anti-PGK1 Antibody

Item Number	dAP-3101
Target Molecule	Principle Name: PGK1; Official Symbol: PGK1; All Names and Symbols: PGK1; phosphoglycerate kinase 1; MIG10; PGKA; PRP 2; cell migration-inducing gene 10 protein; primer recognition protein 2; Accession Number (s): NP_000282.1; Human Gene ID(s): 5230; Non-Human GeneID(s):
Immunogen	SKKYAEAVTRAKQ, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 45kDa band observed in lysates of cell lines A432, HEK293, HeLa and HepG2 (calculated MW of 44.6kDa according to NP_000282.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Wang J, Ying G, Wang J, Jung Y, Lu J, Zhu J, Pienta KJ, Taichman RS. Characterization of phosphoglycerate kinase-1 expression of stromal cells derived from tumor microenvironment in prostate cancer progression. Cancer research 2010 Jan 70 (2): 471-80..PMID: 20068185->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**