

PGK1 Monoclonal Antibody | anti-PGK1 antibody

PGK1 Rabbit mAb

CATALOG # AAA314433	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

PGK1; Monoclonal Antibody; PGK1 Rabbit mAb; PGKA; MIG10; HEL-S-68p; anti-PGK1 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S04-9H9
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-PGK1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human PGK1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of PGK1(green) in HeLa cells using PGK1 Rabbit mAb at dilution 1/5, and DAPI(blue)



WB (Western Blot)

Western blot detection of PGK1 in MCF7, HCT116, T47D, HeLa cell lysates using PGK1 Rabbit mAb(1:1000 diluted). Predicted band size: 45kDa. Observed band size: 45kDa.



WB (Western Blot)

Western blot detection of PGK1 in HeLa cell lysates using PGK1 Rabbit mAb(1:1000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PGK1 antibody	In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein)(PubMed:2324090). May play a role in sperm motility (PubMed:26677959).
Product Categories/Family for anti-PGK1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	52788229
NCBI GeneID	5230
UniProt Accession #	P00558; Q5J7W1; Q6IBT6; Q8NI87; A8K4W6; B7Z7A9
Molecular Weight	417
NCBI Official Full Name	Phosphoglycerate kinase 1
NCBI Official Synonym Full Names	phosphoglycerate kinase 1
NCBI Official Symbol	PGK1
NCBI Official Synonym Symbols	PGKA; MIG10; HEL-S-68p
NCBI Protein Information	phosphoglycerate kinase 1; PRP 2; primer recognition protein 2; cell migration-inducing gene 10 protein; epididymis secretory sperm binding protein Li 68p
UniProt Protein Name	Phosphoglycerate kinase 1
UniProt Gene Name	PGK1
UniProt Synonym Gene Names	PGKA; PRP 2
UniProt Entry Name	PGK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pgk1-antibody-clone-s04-9h9-immunofluorescence-western-blot-elisa/314433>