
Product Name: PGK1 Rabbit Monoclonal Antibody**Catalog #: AMRe02430**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.45mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 45 kDa

Antigen Information

Gene Name	PGK1
Alternative Names	PGKA; MIG10; HEL-S-68p
Gene ID	5230
SwissProt ID	P00558
Immunogen	A synthetic peptide of human PGK1

Background

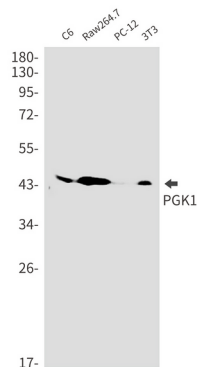
The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis,

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).

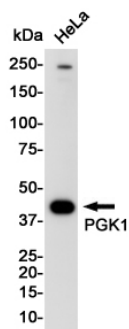
Research Area

Cardiovascular

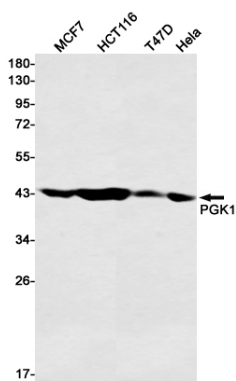
Image Data



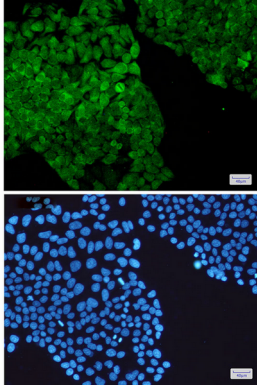
Western blot analysis of PGK1 in C6, Raw264.7, PC-12, 3T3 lysates using PGK1 antibody.



Western blot analysis of PGK1 in HeLa lysates using PGK1 antibody.



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



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