

Product Name: PGK1 Rabbit Monoclonal Antibody
Catalog #: AMRe02430



Summary

Production Name	PGK1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PGK1
Alternative Names	PGKA; MIG10; HEL-S-68p
Gene ID	5230
SwissProt ID	P00558

Application

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

Background

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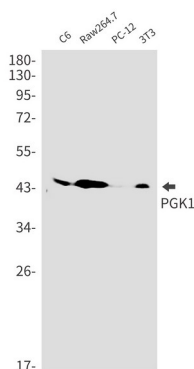


The PGK1 gene encodes phosphoglycerate kinase-1, also known as ATP:3-phosphoglycerate 1-phosphotransferase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. It belongs to the phosphoglycerate kinase family and defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D).

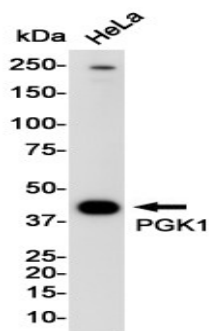
Research Area

Cardiovascular

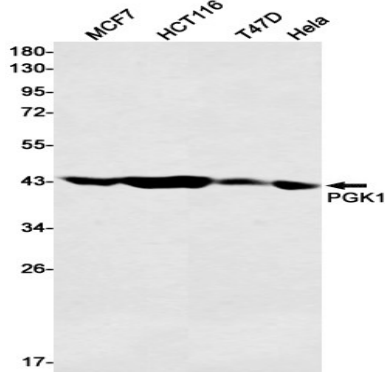
Image Data



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



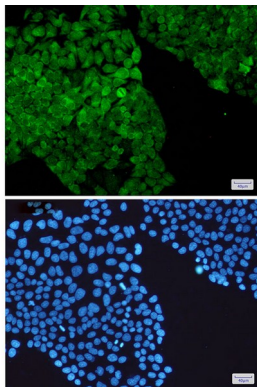
Western blot analysis of PGK1 in HeLa lysates using PGK1 antibody.



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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).

Note

For research use only.