

**DATASHEET**

**PGAM1 Rabbit Monoclonal Antibody(C1927)**

CAT. NO. AMA01539

**KEY FEATURES**

Target	PGAM1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

**BACKGROUND**

Catalyzes the interconversion of 2-phosphoglycerate and 3-phosphoglycerate, a crucial step in glycolysis, by using 2,3-bisphosphoglycerate. Also catalyzes the interconversion of (2R)-2,3-bisphosphoglycerate and (2R)-3-phospho-glyceroyl phosphate.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

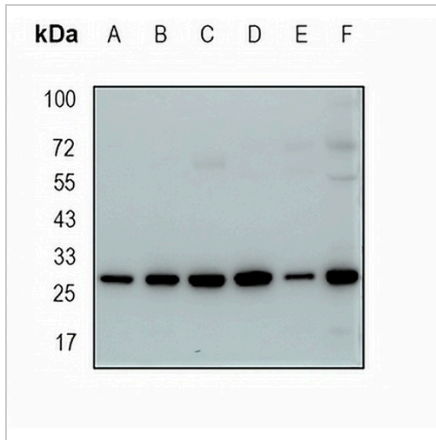
Description	Recombinant rabbit monoclonal antibody to PGAM1
Specificity	Recognizes endogenous levels of PGAM1 protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human PGAM1 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 28 kD; Observed: 28 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	PGAMA; Phosphoglycerate mutase 1; BPG-dependent PGAM 1; Phosphoglycerate mutase isozyme B; PGAM-B
Gene Symbol	PGAM1
Entrez Gene	5223(Human); 18648(Mouse); 24642(Rat)
SwissProt	P18669(Human); Q9DBJ1(Mouse); P25113(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of PGAM1 expression in mouse liver (A), mouse kidney (B), rat kidney (C), rat brain (D), HEK293T (E), MDAMB231 (F) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 28 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.