

Anti-PGM1 Rabbit Monoclonal Antibody

Catalog # ABO16485

Product Information

Application	WB, IF, ICC, IP
Primary Accession	P36871
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-PGM1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	5236
Other Names	Phosphoglucomutase-1, PGM 1, 5.4.2.2, Glucose phosphomutase 1, PGM1
Calculated MW	61449
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30P21
Immunogen	A synthesized peptide derived from human PGM1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

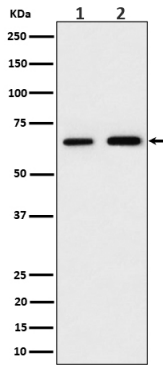
Name	PGM1
Function	Catalyzes the reversible isomerization of alpha-D-glucose 1- phosphate to alpha-D-glucose 6-phosphate (PubMed: 15378030 , PubMed: 25288802). The mechanism proceeds via the intermediate compound alpha-D-glucose 1,6-bisphosphate (Probable) (PubMed: 25288802). This enzyme participates in

both the breakdown and synthesis of glucose (PubMed:[17924679](#), PubMed:[25288802](#)).

Cellular Location

[Isoform 1]: Cytoplasm.

Images



Western blot analysis of PGM1 expression in (1) 293 cell lysate; (2) RAW 264.7 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.