

## PGM1 recombinant antibody

Recombinant Anti-PGM1 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                          |
|-----------|--------|-------------------|-------------------------------------------------------|
| AAA266427 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Western Blot |

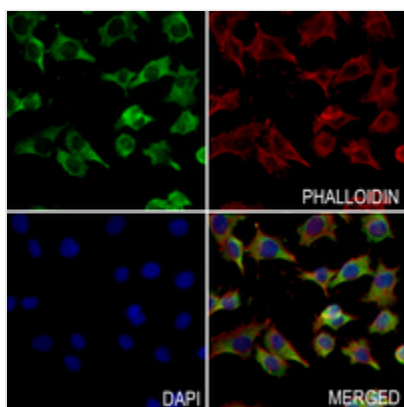
### PRODUCT SYNONYMS

PGM1; Monoclonal Recombinant Antibody; Recombinant Anti-PGM1 Rabbit mAb; Phosphoglucomutase-1; PGM 1; Glucose phosphomutase 1; PGM1 recombinant antibody

### PRODUCT SPECIFICATIONS

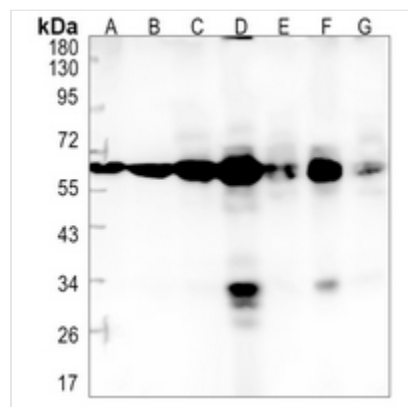
|                                                       |                                                                                                                        |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                                                 |
| Reactivity                                            | Human, Mouse, Rat                                                                                                      |
| Clonality                                             | Monoclonal                                                                                                             |
| Specificity                                           | Recognizes endogenous levels of PGM1 protein                                                                           |
| Purity/Purification                                   | The antibody was purified by immunogen affinity chromatography.                                                        |
| Form/Format                                           | Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                        |
| Applicable Applications for PGM1 recombinant antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                  |
| Immunogen                                             | KLH-conjugated synthetic peptide encompassing a sequence within human PGM1 protein. The exact sequence is proprietary. |
| Preparation and Storage                               | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.         |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of PGM1 staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of PGM1 expression in Jurkat (A), MCF7 (B), HeLa (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 61 kD; Observed band size: 61 kD)

ADDITIONAL INFORMATION

|                                                           |                                                |
|-----------------------------------------------------------|------------------------------------------------|
| Related Product Information for PGM1 recombinant antibody | Recombinant rabbit monoclonal antibody to PGM1 |
| Product Categories/Family for PGM1 recombinant antibody   | Primary Antibody                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 290463102                      |
| NCBI GeneID                      | 5236                           |
| NCBI Accession #                 | NP_001166289.1                 |
| NCBI GenBank Nucleotide #        | NM_001172818.1                 |
| UniProt Accession #              | P36871; Q9D0F9; P38652         |
| Molecular Weight                 | 40,283 Da                      |
| NCBI Official Full Name          | phosphoglucomutase-1 isoform 2 |
| NCBI Official Synonym Full Names | phosphoglucomutase 1           |
| NCBI Official Symbol             | PGM1                           |
| NCBI Official Synonym Symbols    | CDG1T; GSD14                   |
| NCBI Protein Information         | phosphoglucomutase-1           |
| UniProt Protein Name             | Phosphoglucomutase-1           |
| UniProt Gene Name                | <b>PGM1</b>                    |
| UniProt Synonym Gene Names       | PGM 1                          |
| UniProt Entry Name               | PGM1_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/pgm1-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266427>