

Mouse anti-Human PGM1 Monoclonal Antibody | anti-PGM1 antibody

PGM1 (Phosphoglucomutase-1, Glucose Phosphomutase 1) (AP)

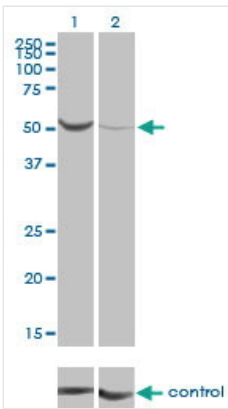
CATALOG # AAA24310	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

PGM1; Monoclonal Antibody; PGM1 (Phosphoglucomutase-1; Glucose Phosphomutase 1) (AP); anti-PGM1 antibody

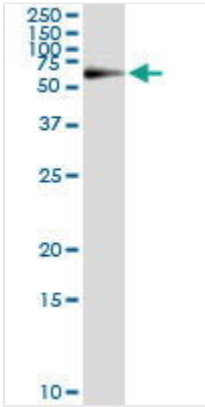
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3B8-H4
Specificity	Recognizes human PGM1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-PGM1 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-563 from human PGM1 (AAH19920) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MVKIVTKTQAYQDQKPGTSGLRKRVKVFQSSANYAENFIQSIISTVEPAQRQEATLVVGGDGRFYMKEAIQLIARIAAANGIGRLVIGQNGILSTPAVSCIIR
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use.



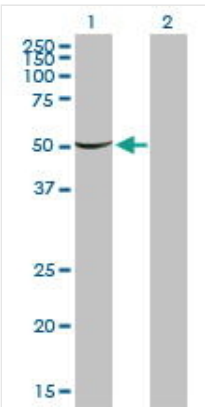
WB (Western Blot)

Western blot analysis of PGM1 over-expressed 293 cell line, cotransfected with PGM1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with PGM1 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



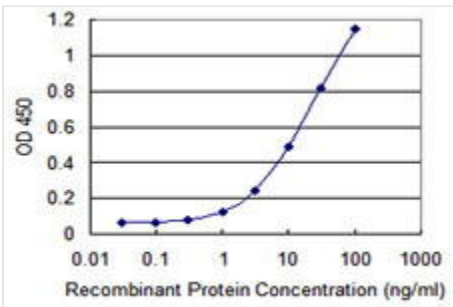
IP (Immunoprecipitation)

Immunoprecipitation of PGM1 transfected lysate using PGM1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PGM1 rabbit polyclonal antibody



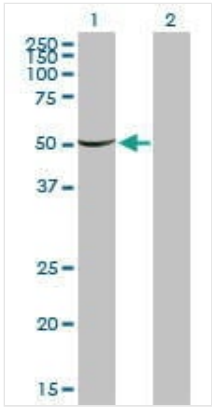
WB (Western Blot)

Western Blot analysis of PGM1 expression in transfected 293T cell line by PGM1 monoclonal antibody. Lane 1: PGM1 transfected lysate (61.4kD). Lane 2: Non-transfected lysate.



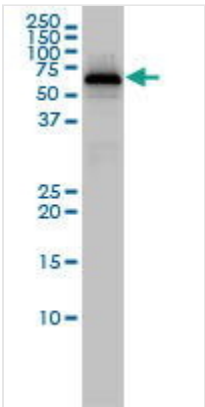
Application Data

Detection limit for recombinant GST tagged PGM1 is 0.3ng/ml as a capture antibody.



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to PGM1 on HeLa cell. [antibody concentration 20ug/ml]



WB (Western Blot)

PGM1 monoclonal antibody Western Blot analysis of PGM1 expression in Jurkat.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PGM1 antibody

Antibodies; Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	18043711
NCBI GeneID	5236
Molecular Weight	40,283 Da
NCBI Official Full Name	Homo sapiens phosphoglucomutase 1, mRNA
NCBI Official Synonym Full Names	phosphoglucomutase 1
NCBI Official Symbol	PGM1
NCBI Official Synonym Symbols	CDG1T; GSD14
NCBI Protein Information	phosphoglucomutase-1; PGM 1; glucose phosphomutase 1

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://www.aaabiotech.com/monoclonal/pgm1-antibody-clone-3b8-h4-immunoprecipitation-western-blot-elisa/24310>