

Mouse PGAM2 Monoclonal Antibody | anti-PGAM2 antibody

PGAM2 antibody

CATALOG # AAA106827	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

PGAM2; Monoclonal Antibody; PGAM2 antibody; Monoclonal PGAM2; Anti-PGAM2; Phosphoglycerate Mutase 2; MGC88743; PGAMM; PGAM 2; PGAM-2; anti-PGAM2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4B12
Purity/Purification	PGAM2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	253
Applicable Applications for anti-PGAM2 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	PGAM2 is the interconversion of 3- and 2-phosphoglycerate with 2, 3-bisphosphoglycerate as the primer of the reaction. It can also catalyze the reaction of EC 5. 4. 2. 4 (synthase) and EC 3. 1. 3. 13 (phosphatase), but with a reduced activity.
Cross-Reactivity	Human, Dog, Monkey, Mouse
Immunogen	PGAM2 antibody was raised in mouse using a full length recombinant protein of human PGAM2 (NP_000281) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PGAM2 protein (Right) or empty vector (Left) detected with PGAM2 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant PGAM2 protein using PGAM2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PGAM2 antibody	Mouse monoclonal PGAM2 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50593010
NCBI GeneID	5224
NCBI Accession #	NP_000281
NCBI GenBank Nucleotide #	NM_000290.3
UniProt Accession #	P15259
Molecular Weight	28,766 Da
NCBI Official Full Name	phosphoglycerate mutase 2
NCBI Official Synonym Full Names	phosphoglycerate mutase 2 (muscle)
NCBI Official Symbol	PGAM2
NCBI Official Synonym Symbols	GSD10; PGAMM; PGAM-M
NCBI Protein Information	phosphoglycerate mutase 2
UniProt Protein Name	Phosphoglycerate mutase 2
UniProt Gene Name	PGAM2
UniProt Synonym Gene Names	PGAMM; PGAM-M
UniProt Entry Name	PGAM2_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/pgam2-antibody-clone-4b12-western-blot-immunofluorescence-elisa/106827>