

Mouse PGAM2 Monoclonal Antibody | anti-PGAM2 antibody

PGAM2 antibody

CATALOG # AAA107513	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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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	4 E9
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	1880
Applicable Applications for anti-PGAM2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
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, Monkey, Mouse
Immunogen	PGAM2 antibody was raised in mouse using a full length recombinant protein of human PGAM2 (NP_000028) produced in HEK293 cell 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



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of PGAM2 protein in paraffin embedded Human liver tissue using PGAM2 antibody



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

ADDITIONAL INFORMATION

Related Product Information for anti-PGAM2 antibody	Mouse monoclonal PGAM2 antibody
Product Categories/Family for anti-PGAM2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	70780357
NCBI GeneID	286
NCBI Accession #	NP_000028
NCBI GenBank Nucleotide #	NM_000037.3
UniProt Accession #	P16157 ; O43400 ; Q13768 ; Q53ER1 ; Q59FP2 ; Q8N604 ; Q99407 ; A0PJN8 ; A6NJ23 ; E5RFL7
Molecular Weight	17,854 Da
NCBI Official Full Name	ankyrin-1 isoform 3
NCBI Official Synonym Full Names	ankyrin 1, erythrocytic
NCBI Official Symbol	ANK1
NCBI Official Synonym Symbols	ANK; SPH1; SPH2
NCBI Protein Information	ankyrin-1
UniProt Protein Name	Ankyrin-1
UniProt Gene Name	ANK1
UniProt Synonym Gene Names	ANK; ANK-1
UniProt Entry Name	ANK1_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-4-e9-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107513>