

Mouse anti-Human, Mouse PGK1 Monoclonal Antibody | anti-PGK1 antibody

Anti-PGK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265931	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PGK1; Monoclonal Antibody; Anti-PGK1 Antibody; anti-PGK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Specificity	Recognizes endogenous levels of PGK1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-PGK1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PGK1. 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



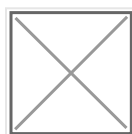
FCM/FACS (Flow Cytometry)

Overlay histogram showing Jurkat cells stained with Anti-PGK1 Antibody (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by Anti-PGK1 Antibody for 60 min at 37 °C. The secondary antibody used was Goat Anti-Mouse IgG (H&L) - AF488 at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was mouse IgG2a (1?g/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was performed.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PGK1 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PGK1 expression in HEK293T (A), A431 (B), mouse brain (C) whole cell lysates. (Predicted band size: 44 kD; Observed band size: 44 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PGK1 antibody	Mouse monoclonal antibody to PGK1
Product Categories/Family for anti-PGK1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	52788229
NCBI GeneID	5230
UniProt Accession #	P00558 ; P09411
Molecular Weight	417
NCBI Official Full Name	Phosphoglycerate kinase 1
NCBI Official Synonym Full Names	phosphoglycerate kinase 1
NCBI Official Symbol	PGK1
NCBI Official Synonym Symbols	PGKA; MIG10; HEL-S-68p
NCBI Protein Information	phosphoglycerate kinase 1; PRP 2; primer recognition protein 2; cell migration-inducing gene 10 protein; epididymis secretory sperm binding protein Li 68p
UniProt Protein Name	Phosphoglycerate kinase 1
UniProt Gene Name	PGK1
UniProt Synonym Gene Names	PGKA; PRP 2
UniProt Entry Name	PGK1_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/pgk1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/265931>