

Mouse Pyruvate Kinase Monoclonal Antibody | anti-PKM antibody

Anti-Pyruvate Kinase Antibody

CATALOG # AAA265774	HOST Mouse	REACTIVITY Human, Mouse, Monkey	APPLICATIONS Immunoprecipitation, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Pyruvate Kinase; Monoclonal Antibody; Anti-Pyruvate Kinase Antibody; anti-PKM antibody

PRODUCT SPECIFICATIONS

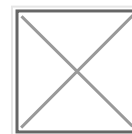
Host	Mouse
Reactivity	Human, Mouse, Monkey
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Pyruvate Kinase protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-PKM antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human PKM2 protein fragments expressed in E coli.
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 Pyruvate Kinase staining in NIH3T3 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 °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.



WB (Western Blot)

Western blot analysis of Pyruvate Kinase expression in HCT116 (A), COS7 (B), K562 (C), A549 (D), Hela (E) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 58 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PKM antibody	Mouse monoclonal antibody to Pyruvate Kinase
Product Categories/Family for anti-PKM antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	332164775
NCBI GeneID	5315

NCBI Accession #	NP_001193725.1
NCBI GenBank Nucleotide #	NM_001206796.1
UniProt Accession #	P14618 ; P52480
Molecular Weight	531
NCBI Official Full Name	pyruvate kinase PKM isoform c
NCBI Official Synonym Full Names	pyruvate kinase, muscle
NCBI Official Symbol	PKM
NCBI Official Synonym Symbols	PK3; TCB; OIP3; PKM2; CTHBP; THBP1
NCBI Protein Information	pyruvate kinase PKM; p58; OIP-3; tumor M2-PK; PK, muscle type; pyruvate kinase 2/3; OPA-interacting protein 3; pyruvate kinase isozymes M1/M2; pyruvate kinase muscle isozyme; thyroid hormone-binding protein 1; cytosolic thyroid hormone-binding protein; th
UniProt Protein Name	Pyruvate kinase PKM
UniProt Gene Name	PKM
UniProt Synonym Gene Names	OIP3; PK2; PK3; PKM2; CTHBP; OIP-3; THBP1
UniProt Entry Name	KPYM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/pyruvate-kinase-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265774>