Mouse PKM2 Monoclonal Antibody | anti-PKM2 antibody

PKM2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320348	**Mouse**	**Human, Mouse, Monkey**	**Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

PKM2; Monoclonal Antibody; PKM2 Mouse mAb; CTHBP; Cytosolic thyroid hormone binding protein; Cytosolic thyroid hormone-binding protein; KPYM_HUMAN; MGC3932; OIP 3; OIP-3; OIP3; OPA interacting protein 3; Opa-interacting protein 3; p58; PK muscle type; PK; muscle type; PK2; PK3; PKM; pykm; Pyruvate kinase 2/3; Pyruvate kinase 3; Pyruvate kinase isozymes M1/M2; Pyruvate kinase muscle; Pyruvate kinase muscle isozyme; pyruvate kinase PKM; Pyruvate kinase; muscle 2; TCB; THBP1; Thyroid hormone binding protein 1; Thyroid hormone binding protein cytosolic; Thyroid hormone-binding protein 1; Tumor M2 PK; Tumor M2-PK .; anti-PKM2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Monkey
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of PKM2 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PKM2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human PKM2 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

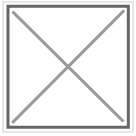
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of 3T3 cells fixed by anhydrous methanol for 2 h at -20? and using anti-PKM2 mouse mAb (dilution 1:500).



IP (Immunoprecipitation)
Immunoprecipitation analysis of Hela cell lysates using PKM2.



WB (Western Blot)
Western blot detection of PKM2 in HCT116.COS7.K562.A549 and Hela cell lysates using PKM2 mouse mAb (1:1000 diluted).Predicted band size:60KDa.Observed band size:60KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PKM2 antibody	This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported. [provided by RefSeq, May 2011]
Product Categories/Family for anti-PKM2 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; P14786; Q53GK4; Q96E76; Q9BWB5; Q9UCV6; Q9UPF2; A6NFK3; B2R5N8; B3KRY0; B4DFX8; B4DUU6
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pkm2-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/320348