

Product Name: PKM2 (1F2) Mouse Monoclonal Antibody**Catalog #: AMM03471**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB, ICC/IF, IP
Reactivity	Human, Mouse, Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.02% sodium azide, pH 7.4.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 58 kDa

Antigen Information

Gene Name	PKM
Alternative Names	PKM; OIP3; PK2; PK3; PKM2; Pyruvate kinase isozymes M1/M2; Cytosolic thyroid hormone-binding protein; CTHBP; Opa-interacting protein 3; OIP-3; Pyruvate kinase 2/3; Pyruvate kinase muscle isozyme; Thyroid hormone-binding protein 1; THBP1; Tu
Gene ID	5315
SwissProt ID	P14618
Immunogen	A synthetic peptide of human PKM

Background

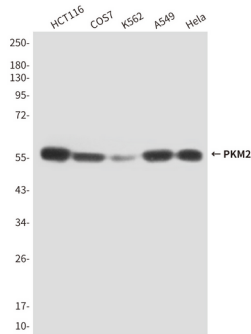
Pyruvate kinase is a glycolytic enzyme that catalyses the conversion of phosphoenolpyruvate to pyruvate. PKM2 is shown to be

essential for aerobic glycolysis in tumors, known as the Warburg effect.

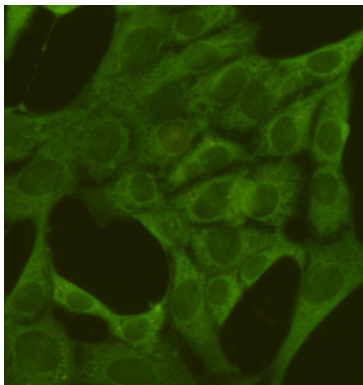
Research Area

Signal Transduction

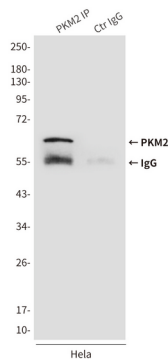
Image Data



Western blot analysis of PKM2 in HCT116, COS7, K562, A549 and Hela lysates using PKM2 antibody.



Immunofluorescence analysis of PKM2 (1F2) in 3T3 using PKM2 antibody.



Immunoprecipitation analysis of PKM2 (1F2) in Hela lysates using PKM2 antibody.