

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

Summary

Production Name	PKM2 (1F2) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB, ICC/IF, IP
Reactivity	Human, Mouse, Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.02% sodium azide, pH 7.4.
Purification	Affinity Purification

Immunogen

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.

Application

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

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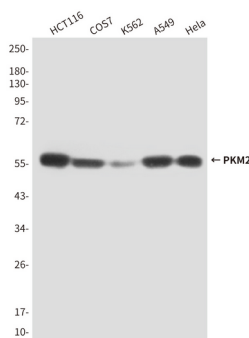
Background

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.

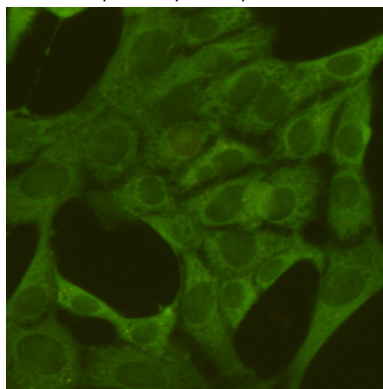
Research Area

Signal Transduction

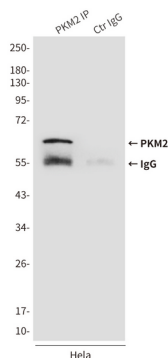
Image Data



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.



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Note

For research use only.