

Product Name: PKM2 Mouse Monoclonal Antibody**Catalog #: AMM85054**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB, ICC
Reactivity	Human, Mouse, Rat, Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
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	Purified antibody in PBS with 0.05% sodium azide and 50% glycerol.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	PKM2
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	5315.0
SwissProt ID	P14618
Immunogen	Purified recombinant human PKM2 protein fragments expressed in E.coli.

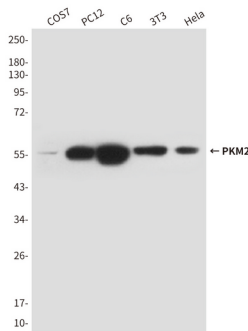
Background

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

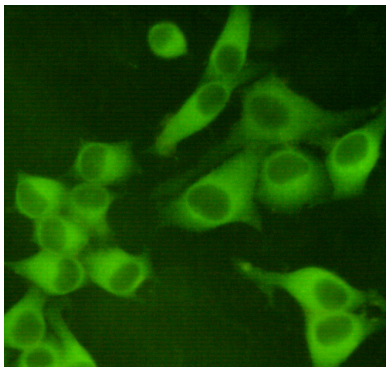
essential for aerobic glycolysis in tumors, known as the Warburg effect.

Research Area

Image Data



Western blot analysis of PKM2 in COS7, PC-12, C6, 3T3 and HeLa lysates using PKM2 antibody.



Immunocytochemistry analysis of PKM2 in HeLa using PKM2 antibody.