

Product Datasheet

Anti-Pyruvate Kinase Antibody (orb1474347)

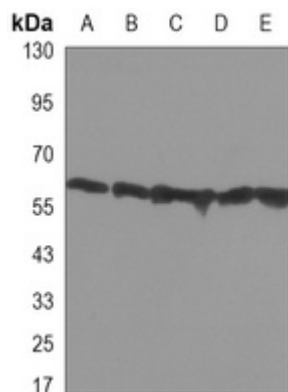
Description	Mouse monoclonal antibody to Pyruvate Kinase
Species/Host	Mouse
Reactivity	Human, Mouse, Primate
Conjugation	Unconjugated
Tested Applications	IF, IP, WB
Immunogen	Purified recombinant human PKM2 protein fragments expressed in E.coli.
Target	PKM
Preservatives	Liquid in PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
Form/Appearance	Liquid in PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Monoclonal
Source	Mouse
Uniprot ID	P14618, P52480
Entrez	18746, 5315
Dilution Range	WB (1/500 - 1/1000), IF/IC (1/50 - 1/100), IP (1/10 - 1/50)
Expiration Date	12 months from date of receipt.

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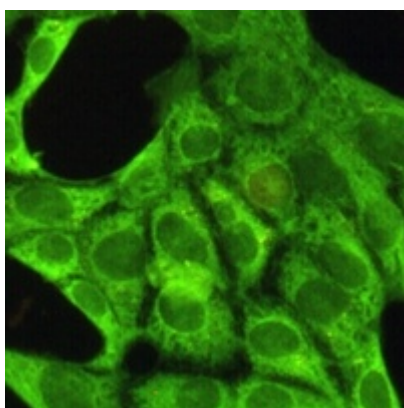
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Western blot analysis of Pyruvate Kinase expression in HCT116 (A), COS7 (B), K562 (C), A549 (D), HeLa (E) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 58 kD)



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.

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