

## Product Datasheet

### Pyruvate Kinase Antibody (orb1474211)

<b>Catalog Number</b>	orb1474211
<b>Category</b>	Antibodies
<b>Description</b>	The Pyruvate Kinase Antibody is suitable for IF, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant human PKM2 protein fragments expressed in E.coli. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Monkey, Mouse, Rat
<b>Form/Appearance</b>	Liquid in PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	Purified recombinant human PKM2 protein fragments expressed in E.coli.
<b>UniProt ID</b>	<b>P14618, P11980, P52480</b>
<b>Tested applications</b>	IF, WB
<b>Dilution range</b>	WB (1/500 - 1/1000), IF/IC (1/50 - 1/100)
<b>Specificity</b>	Recognizes endogenous levels of Pyruvate Kinase protein.
<b>Antibody Type</b>	Primary Antibody

**Biorbyt Ltd.**

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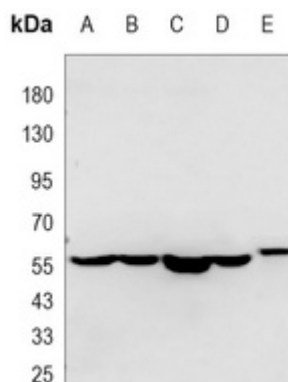
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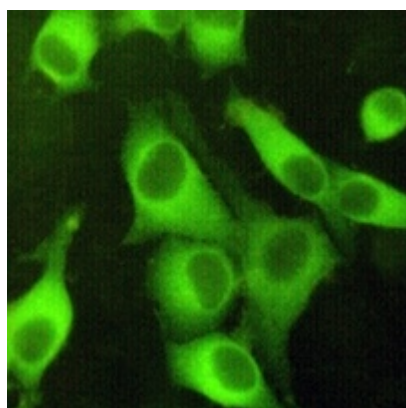
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>18746, 5315, 25630</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Pyruvate Kinase expression in COS7 (A), PC12 (B), C6 (C), NIH3T3 (D), HeLa (E) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 58 kD)



Immunofluorescent analysis of Pyruvate Kinase staining in HeLa 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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