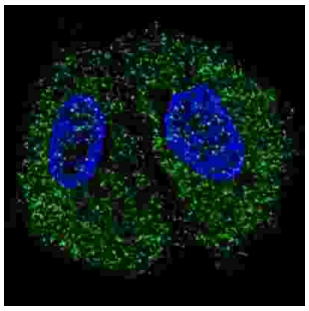
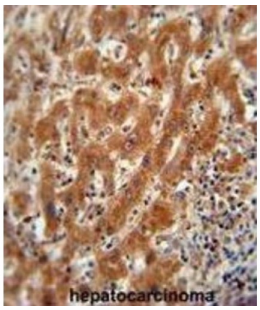
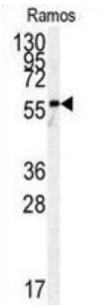
Pyruvate Kinase Antibody

Catalogue No.:abx025116







There are 4 isozymes of pyruvate kinase in mammals: L, R, M1 and M2. PKM2 is a pyruvate kinase that catalyzes the production of phosphoenolpyruvate from pyruvate and ATP. This protein has been shown to interact with thyroid hormone, and thus may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis.

Target:	Pyruvate Kinase
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat, Monkey
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit

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Recommended dilutions:	WB: 1/2000, IHC-P: 1/50 - 1/100, IF/ICC: 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 476-505 amino acids from the C-terminal region of human Pyruvate Kinase (PKM2).
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P14618 (UniProt, ExPASy)
NCBI Accession:	NP_001193725.1, NP_001193726.1, NP_001193727.1, NP_001193728.1, NP_002645.3, NP_872270.1, NP_872271.1
Molecular Weight:	Calculated MW: 57.9 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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