

PKM Monoclonal Antibody

Catalog No.	A0540	Category	Monoclonal Antibodies
Applications	WB, IF	Observed MW	60kDa
Cross-reactivity	Human, Mouse, Monkey	Calculated MW	56kDa/57kDa/58kDa

Immunogen Information

Immunogen	Recombinant protein of human PKM
Gene ID	5315
Swiss prot	P14618
Synonyms	PKM; CTHBP; HEL-S-30; OIP3; PK3; PKM2; TCB; THBP1; pyruvate kinase PKM

Product information

Source	Mouse
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

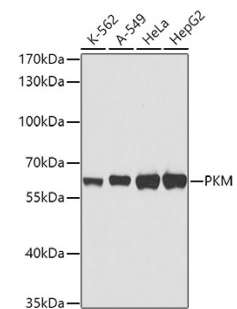
Background

This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and 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. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported.

Recommended Dilutions

WB 1:500 -
1:1000

IF 1:50 -
1:200



Western blot - PKM Monoclonal Antibody (A0540)