

32-6003: Mouse Anti Human Pyruvate Kinase, Liver and RBC(Clone:PPKLRAT.)

Clonality :	Monoclonal
Clone Name :	PPKLRAT.
Application :	ELISA,WB
Gene :	PKLR
Gene ID :	5313
Uniprot ID :	P30613
Format :	Purified
Alternative Name :	PK1,PKL,RPK,pyruvate kinase isozyme R/L,Red cell/liver pyruvate kinase,PKRL.
Isotype :	Mouse IgG1 heavy chain and kappa light chain.
Immunogen Information :	Anti-human PKLR mAb, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human PKLR amino acids 47-574 purified from E. coli.

Description

PKLR is a pyruvate kinase which catalyzes the transphosphorylation of phosphoenolpyruvate into pyruvate and ATP. That is the rate-limiting step of glycolysis. PKLR gene encodes the L- and R-type isoenzymes through alternate splicing events controlled by different promoters. L-type isoform can also appear as a tetramer and is upregulated by glucose with implications in maturity-onset diabetes of the young.

Product Info

Amount :	20 µg
Purification :	PKLR antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

PKLR antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500.