Pyruvate Kinase(liver/RBC) antibody

Catalog No: #22570

Orders: order@signalwayantibody.com
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Description

Product Name	Pyruvate Kinase(liver/RBC) antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 230 of Pyruvate Kinase(liver/RBC)
Target Name	Pyruvate Kinase(liver/RBC)
Accession No.	Swiss-Prot:P30613Gene ID:5313
Uniprot	P30613
GeneID	5313;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

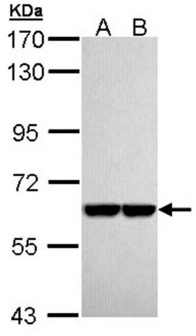
Predicted MW: 62kd

Western blotting: 1:500-1:3000

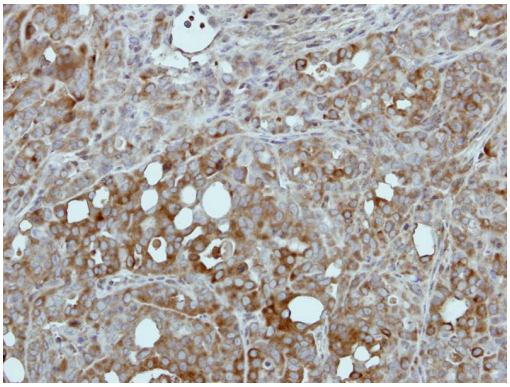
Immunohistochemistry: 1:50-1:500

Immunofluorescence: 1:100-1:200

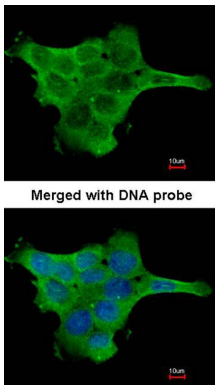
Images



Sample (30 ug of whole cell lysate)
A: H1299
B: Hela
7.5% SDS PAGE
Primary antibody diluted at 1: 5000



Immunohistochemical analysis of paraffin-embedded NCIN87 xenograft, using Pyruvate Kinase (liver/RBC) antibody at 1: 500 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed A431, using Pyruvate Kinase(liver/RBC) antibody at 1: 200 dilution.

Background

The protein encoded by this gene is a pyruvate kinase that catalyzes the transphosphorylation of phohsphoenolpyruvate into pyruvate and ATP, which is the rate-limiting step of glycolysis. Defects in this enzyme, due to gene mutations or genetic variations, are the common cause of chronic hereditary nonspherocytic hemolytic anemia (CNSHA or HNSHA). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only