

For Research Use Only

# ADK Monoclonal antibody

Catalog Number: 66929-1-Ig **3 Publications**



## Basic Information

<b>Catalog Number:</b> 66929-1-Ig	<b>GenBank Accession Number:</b> BC003568	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 2300 ug/ml by 132 Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> P55263	<b>CloneNo.:</b> 1G1A5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P55263	<b>Recommended Dilutions:</b> WB 1:5000-1:30000 IHC 1:200-1:800 IF-P 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> adenosine kinase	
<b>Immunogen Catalog Number:</b> AG7466	<b>Calculated MW:</b> 41 kDa	
	<b>Observed MW:</b> 40-46 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF-P, FC (Intra), ELISA	<b>Positive Controls:</b> <b>WB :</b> HeLa cells, HepG2 cells, MCF-7 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, RAW 264.7 cells <b>IHC :</b> human liver cancer tissue, <b>IF-P :</b> human liver cancer tissue, human breast cancer tissue
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Honggui Li	36181835	Gastroenterology	WB,IHC
Nicole M Sayles	35263592	Cell Rep	WB
Qinfang Liu	37366237	EMBO J	WB

## Storage

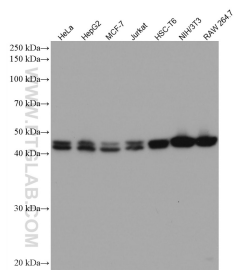
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

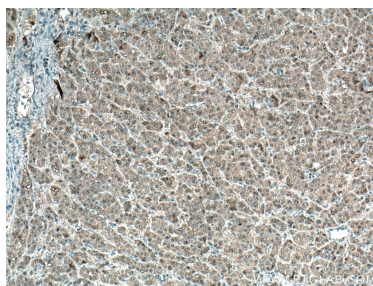
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

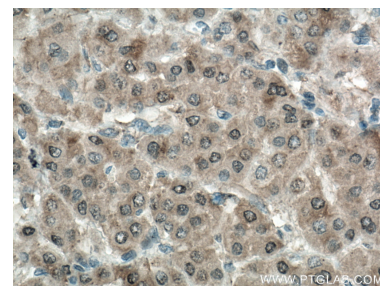
## Selected Validation Data



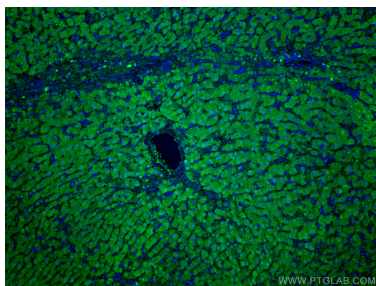
Various lysates were subjected to SDS PAGE followed by western blot with 66929-1-Ig (ADK antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



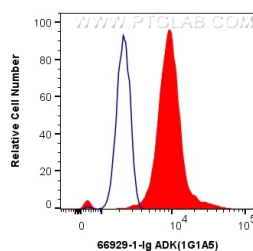
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66929-1-Ig (ADK antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66929-1-Ig (ADK antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using ADK antibody (66929-1-Ig, Clone: 1G1A5) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 0.4 ug Anti-Human ADK (66929-1-Ig, Clone:1G1A5) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).