

For Research Use Only

ADK Monoclonal antibody

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



Basic Information

Catalog Number: 66929-1-Ig	GenBank Accession Number: BC003568	Purification Method: Protein G purification
Size: 2300 µg/ml	GeneID (NCBI): 132	CloneNo.: 1G1A5
Source: Mouse	UNIPROT ID: P55263	Recommended Dilutions: WB 1:5000-1:30000 IHC 1:200-1:800 IF 1:200-1:800
Isotype: IgG1	Full Name: adenosine kinase	
Immunogen Catalog Number: AG7466	Calculated MW: 41 kDa	
	Observed MW: 40-46 kDa	

Applications

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

Background Information

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

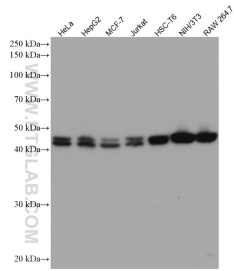
Storage

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

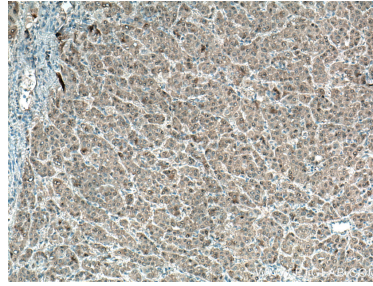
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

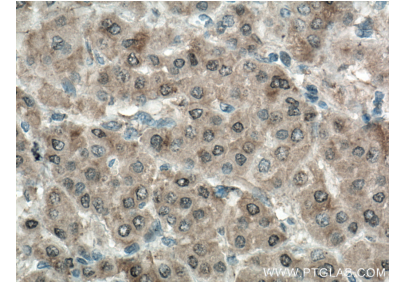
Selected Validation Data



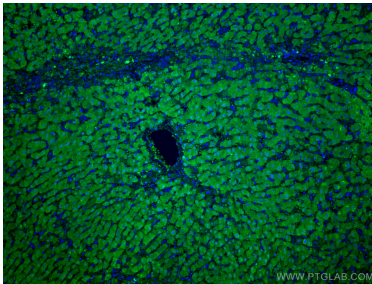
Various lysates were subjected to SDS PAGE followed by western blot with 66929-1-Ig (ADK antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



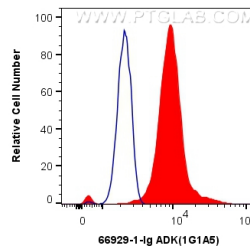
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66929-1-Ig (ADK antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ NIH/3T3 cells were intracellularly stained with 0.4 ug Anti-Human ADK (66929-1-Ig, Clone:1G1A5) and CoraLite®488-Conjugated AffiniPure 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).