

For Research Use Only

# HNRNPK Monoclonal antibody

Catalog Number: 67708-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 67708-1-Ig	<b>GenBank Accession Number:</b> BC014980	<b>Purification Method:</b> Thiophilic affinity chromatograph
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3190	<b>CloneNo.:</b> 1A10C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P61978	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IHC: 1:500-1:2000
<b>Isotype:</b> IgM	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein K	
<b>Immunogen Catalog Number:</b> AG30093	<b>Calculated MW:</b> 463 aa, 51 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> LNCaP cells, HuH-7 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, RAW 264.7 cells
<b>Species Specificity:</b> Human, mouse, rat	<b>IHC :</b> human colon cancer tissue, human breast cancer tissue
<b>Cited Species:</b> human	
<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>	

## Background Information

HNRNPK belongs to the heterogeneous nuclear ribonucleoprotein family of 20 proteins that participate in a wide range of key cellular functions involving many of the pathways implicated, disrupted or dysregulated in tumor development and progression. It is also a conserved pre-mRNA-binding protein that is involved in multiple processes of gene expression, including chromatin remodeling, transcription, and mRNA splicing, translation, and stability

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenting Zhang	40335523	Nat Commun	WB

## Storage

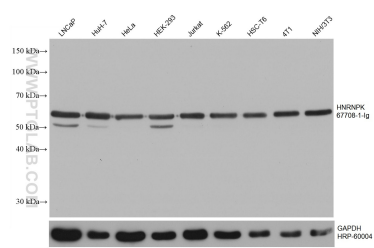
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

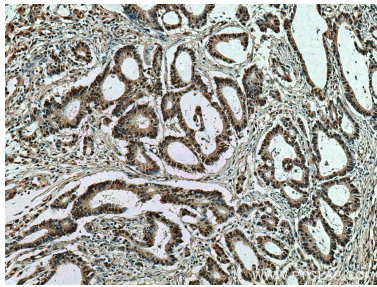
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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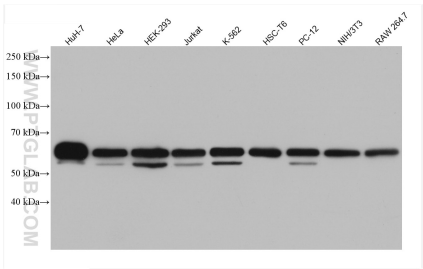
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67708-1-Ig (HNRNPK antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67708-1-Ig (HNRNPK antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67708-1-Ig (HNRNPK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.