

For Research Use Only

# DEK Monoclonal antibody

Catalog Number: 66194-1-Ig

Featured Product

3 Publications



## Basic Information

<b>Catalog Number:</b> 66194-1-Ig	<b>GenBank Accession Number:</b> BC035259	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2600 µg/ml by Nanodrop and 1613 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7913	<b>CloneNo.:</b> 5E3A6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P35659	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:20-1:200
<b>Isotype:</b> IgG2a	<b>Full Name:</b> DEK oncogene	
<b>Immunogen Catalog Number:</b> AG8225	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 40-50 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, Raji cells, Ramos cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells IF : HepG2 cells,
<b>Cited Applications:</b> IF, IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## Background Information

DEK oncogene (DEK) is first recognized in a fusion with CAN nucleoporin protein, and it's also an autoantigen in patients with polyarticular onset juvenile rheumatoid arthritis. As a site-specific binding protein, DEK may involve in transcriptional regulation and signal transduction. Analysis by agarose gel electrophoresis, DEK showed to reduce the efficiency with which chromatin is replicated. It's one of the first components of the splicing complex, which remains associated with spliced exons dependent on prior splicing of pre-mRNA.

## Notable Publications

Author	Pubmed ID	Journal	Application
Huo-Chun Yi	25351213	Mol Med Rep	IHC
Zhe Chen	33755722	J Exp Med	WB
Wen-Huan Jia	31189566	Biochem J	WB, IF

## Storage

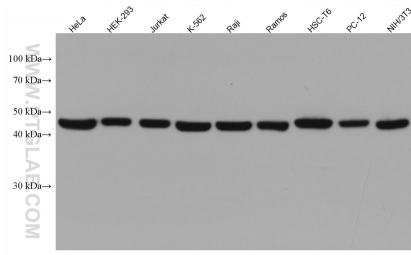
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

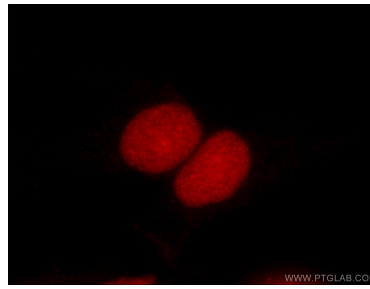
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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 66194-1-Ig (DEK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 66194-1-Ig (DEK antibody) at dilution of 1:50 and Rhodamine-Goat anti-Mouse IgG.