

For Research Use Only

# CDK8 Polyclonal antibody

Catalog Number: 22067-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

22067-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG17148

### GenBank Accession Number:

BC069634

### GeneID (NCBI):

1024

### UNIPROT ID:

P49336

### Full Name:

cyclin-dependent kinase 8

### Calculated MW:

464 aa, 53 kDa

### Observed MW:

53 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:20-1:200

IF/ICC: 1:50-1:500

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

### Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse

### 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**

### Positive Controls:

**WB** : HEK-293 cells, HeLa cells, NIH/3T3 cells, mouse embryo tissue

**IHC** : human stomach cancer tissue, human testis tissue

**IF/ICC** : NIH/3T3 cells,

**FC (Intra)** : NIH/3T3 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Emily M Schleicher	33137164	PLoS Genet	WB
Lindsey M Jackson	34871431	Nucleic Acids Res	WB
Zhongnan Lin	39809361	J Adv Res	WB,IP,IF

## 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

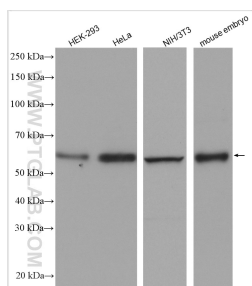
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

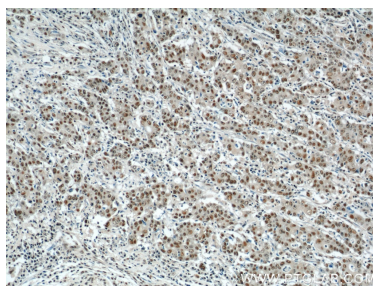
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

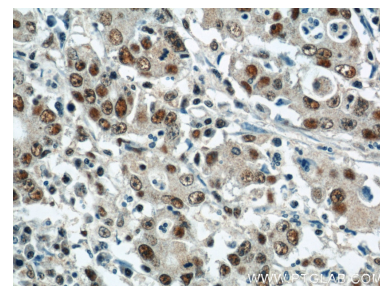
## Selected Validation Data



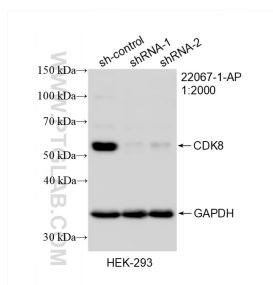
Various lysates were subjected to SDS PAGE followed by western blot with 22067-1-AP (CDK8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



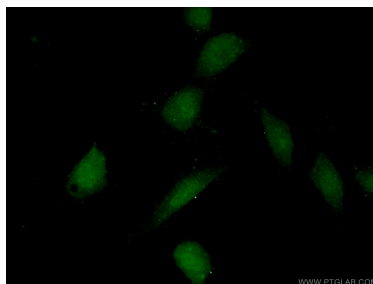
Immunohistochemical analysis of paraffin-embedded human stomach cancer using 22067-1-AP (CDK8 antibody) at dilution of 1:50 (under 10x lens).



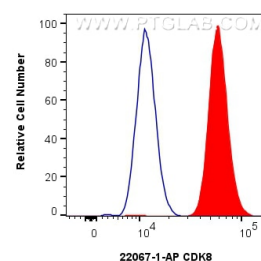
Immunohistochemical analysis of paraffin-embedded human stomach cancer using 22067-1-AP (CDK8 antibody) at dilution of 1:50 (under 40x lens).



WB result of CDK8 antibody (22067-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CDK8 transfected HEK-293 cells.



Immunofluorescent analysis of (10% Formaldehyde) fixed NIH/3T3 cells using 22067-1-AP (CDK8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 0.25 ug CDK8 Polyclonal antibody (22067-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).