

For Research Use Only

# Cytokeratin 5 Polyclonal antibody

Catalog Number: 28506-1-AP

6 Publications



## Basic Information

### Catalog Number:

28506-1-AP

### Size:

150ul, Concentration: 1500 ug/ml by Nanodrop and 767 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG25436

### GenBank Accession Number:

BC024292

### GeneID (NCBI):

3852

### UNIPROT ID:

P13647

### Full Name:

keratin 5

### Calculated MW:

590 aa, 62 kDa

### Observed MW:

62 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:1000-1:4000

IF-P 1:50-1:500

IF/ICC 1:400-1:1600

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IF-P, ELISA

### Cited Applications:

WB, IF

### 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**

### Positive Controls:

WB : A431 cells, mouse skin tissues, rat skin tissues

IHC : human tonsillitis tissue, human brown disease, human lung cancer tissue

IF-P : human tonsillitis tissue,

IF/ICC : A431 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Shan Chen	35302673	J Clin Lab Anal	WB
Li Dong	35690140	J Invest Dermatol	IF
Jiaxin Wang	38764448	Bioact Mater	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

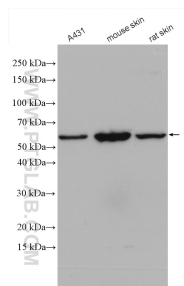
For technical support and original validation data for this product please contact:

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

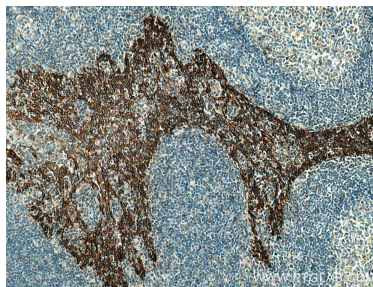
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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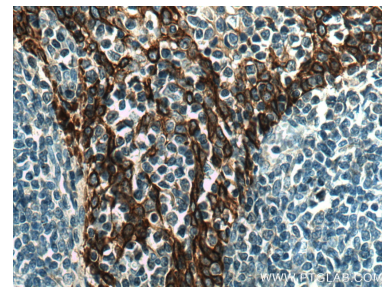
## Selected Validation Data



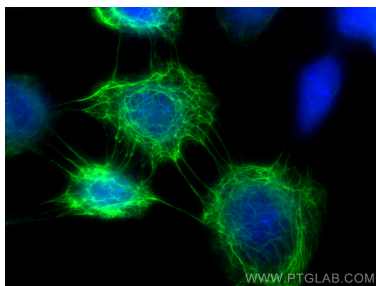
Various lysates were subjected to SDS PAGE followed by western blot with 28506-1-AP (Cytokeratin 5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



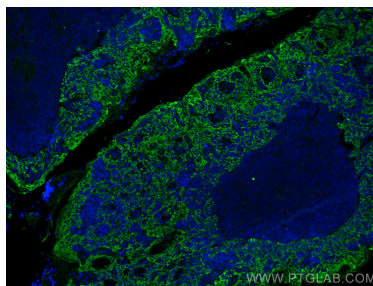
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28506-1-AP (Cytokeratin 5 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



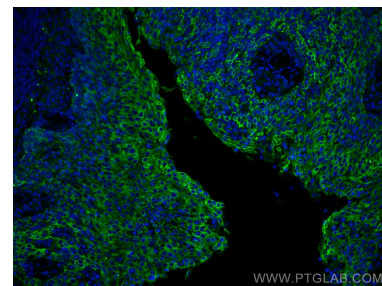
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28506-1-AP (Cytokeratin 5 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Cytokeratin 5 antibody (28506-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using Cytokeratin 5 antibody (28506-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using Cytokeratin 5 antibody (28506-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).