

For Research Use Only

# MUC5B Polyclonal antibody

Catalog Number: 28118-1-AP

5 Publications



## Basic Information

### Catalog Number:

28118-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG27886

### GenBank Accession Number:

NM\_002458

### GeneID (NCBI):

727897

### UNIPROT ID:

Q9HC84

### Full Name:

mucin 5B, oligomeric mucus/gel-forming

### Calculated MW:

596 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:200-1:800

IF-P 1:50-1:500

## Applications

### Tested Applications:

IHC, IF-P, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat, pig

**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:

IHC : human lung tissue,

IF-P : mouse lung tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
San Fu	36535334	J Ethnopharmacol	WB
Qian Hao	34459128	Clin Transl Med	IHC
Suphachai Tharavecharak	39329706	Cells	IHC

## 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

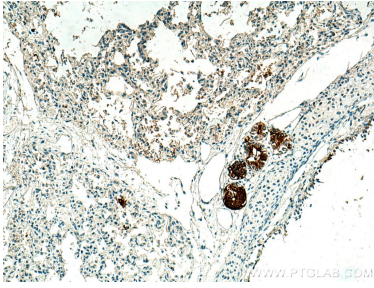
For technical support and original validation data for this product please contact:

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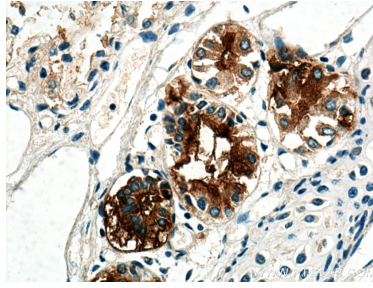
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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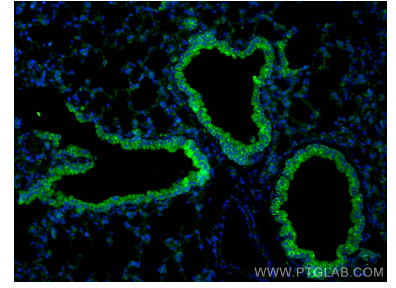
## Selected Validation Data



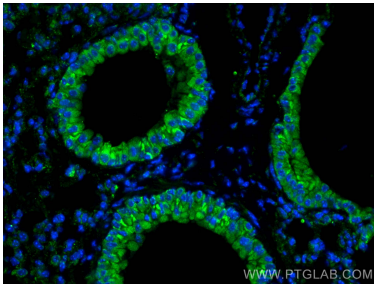
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 28118-1-AP (MUC5B antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 28118-1-AP (MUC5B 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 mouse lung tissue using MUC5B antibody (28118-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse lung tissue using MUC5B antibody (28118-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).