

For Research Use Only

# Cytokeratin 7 Polyclonal antibody

Catalog Number: 22208-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 22208-1-AP	<b>GenBank Accession Number:</b> BC002700	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 3855	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:400-1:1600 IF 1:200-1:800 FC 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P08729	
<b>Isotype:</b> IgG	<b>Full Name:</b> keratin 7	
<b>Immunogen Catalog Number:</b> AG17528	<b>Calculated MW:</b> 469 aa, 51 kDa <b>Observed MW:</b> 51 kDa	

## Applications

<b>Tested Applications:</b> FC, IF/ICC, IHC, WB, ELISA	<b>Positive Controls:</b> WB : A431 cells, HeLa cells, HepG2 cells IHC : human lung cancer tissue, human pancreas tissue, human kidney tissue, human breast cancer tissue, human ovary tumor tissue IF : A549 cells, HeLa cells FC : HeLa cells,
<b>Cited Applications:</b> IHC	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Chunmei Li	37934895	Ginekol Pol	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

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

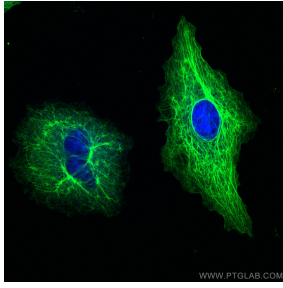
T: 4006900926

E: Proteintech-CN@ptglab.com

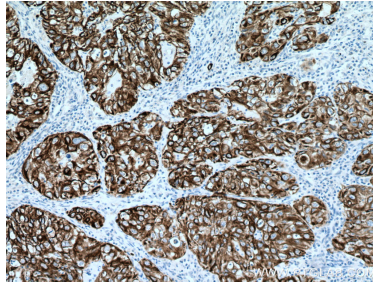
W: ptgcn.com

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

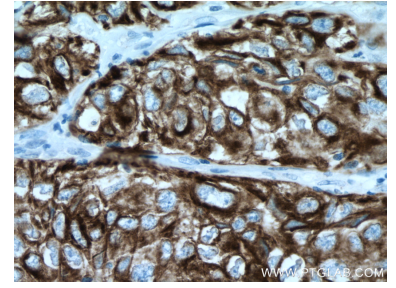
## Selected Validation Data



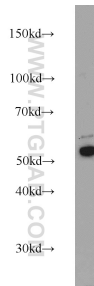
Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using Cytokeratin 7 antibody (22208-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



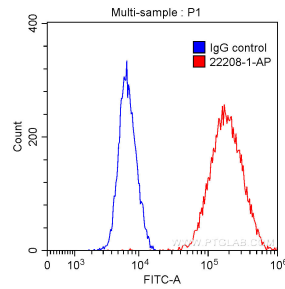
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22208-1-AP (Cytokeratin 7 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 22208-1-AP (Cytokeratin 7 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A431 cells were subjected to SDS PAGE followed by western blot with 22208-1-AP (Cytokeratin 7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.20ug Anti-Human Cytokeratin 7 (22208-1-AP) (red) or 0.20 ug control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000. Fixed with 90% MeOH.