

For Research Use Only

# Cytokeratin 17 Polyclonal antibody



Catalog Number: 22230-1-AP

## Basic Information

<b>Catalog Number:</b> 22230-1-AP	<b>GenBank Accession Number:</b> BC000159	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150UL, Concentration: 550 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3872	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> keratin 17	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 432 aa, 48 kDa	
<b>Immunogen Catalog Number:</b> AG17575	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, MCF-7 cells IHC : human cervical cancer tissue, IF : HeLa cells,
<b>Species Specificity:</b> human, mouse	
<b>Note-IHC:</b> <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	

## Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. Keratin 17 is a type I cytokeratin. It is found in nail beds, hair follicles, sebaceous glands, and other epidermal appendages. It is used as a marker for trauma.

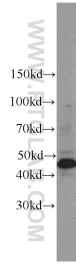
## Storage

**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

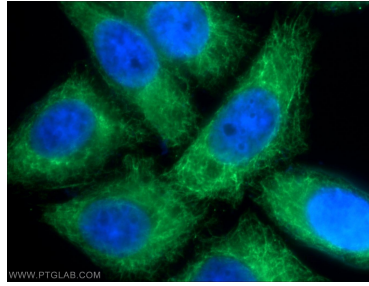
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

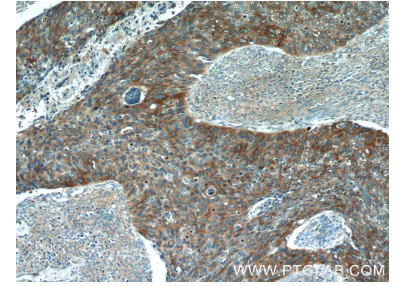
## Selected Validation Data



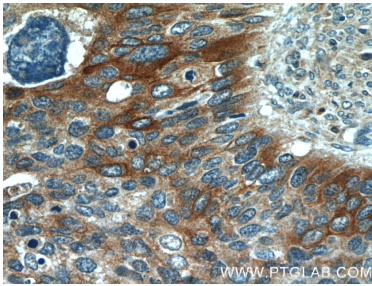
HeLa cells were subjected to SDS PAGE followed by western blot with 22230-1-AP (Cytokeratin 17 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 22230-1-AP (Cytokeratin 17 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 22230-1-AP (Cytokeratin 17 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 22230-1-AP (Cytokeratin 17 antibody at dilution of 1:50 (under 40x lens).