

For Research Use Only

Cytokeratin 17 Polyclonal antibody

Catalog Number: 22230-1-AP



Basic Information

Catalog Number: 22230-1-AP	GenBank Accession Number: BC000159	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3872	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q04695	IHC 1:200-1:800
Isotype: IgG	Full Name: keratin 17	IF/ICC 1:20-1:200
Immunogen Catalog Number: AG17575	Calculated MW: 432 aa, 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
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 : HeLa cells, MCF-7 cells

IHC : human bowen disease, human cervical cancer tissue

IF/ICC : HeLa cells,

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

***** 20ul sizes contain 0.1% BSA**

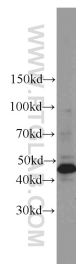
For technical support and original validation data for this product please contact:

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

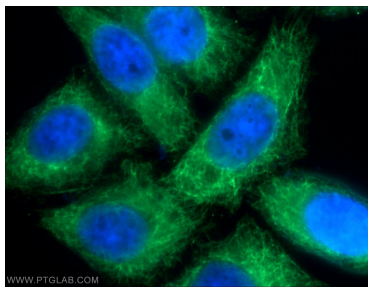
E: proteintech@ptglab.com
W: ptglab.com

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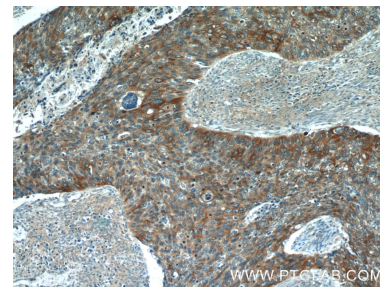
Selected Validation Data



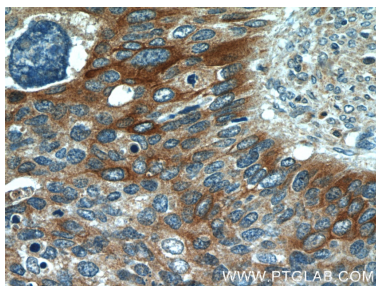
HeLa cells were subjected to SDS PAGE followed by western blot with 22230-1-AP (Cytokeratin 17 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



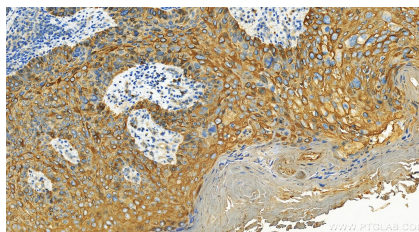
Immunofluorescent analysis of HeLa cells using 22230-1-AP (Cytokeratin 17 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



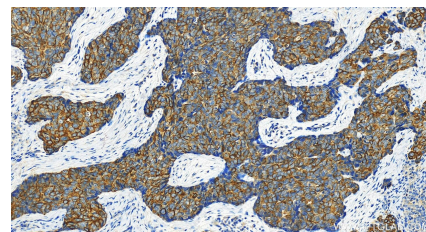
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 22230-1-AP (Cytokeratin 17 antibody at dilution of 1:50 (under 10x lens).



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).



Immunohistochemical analysis of paraffin-embedded human bowen disease slide using 22230-1-AP (Cytokeratin 17 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human bowen disease slide using 22230-1-AP (Cytokeratin 17 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).