

For Research Use Only

Cytokeratin 5 Polyclonal antibody

Catalog Number: 28506-1-AP **4 Publications**



Basic Information

Catalog Number: 28506-1-AP	GenBank Accession Number: BC024292	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1500 µg/ml by Nanodrop and 767 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3852	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:1000-1:4000 IF 1:400-1:1600
Source: Rabbit	Full Name: keratin 5	
Isotype: IgG	Calculated MW: 590 aa, 62 kDa	
Immunogen Catalog Number: AG25436	Observed MW: 62 kDa	

Applications

Tested Applications:
FC, IF, IHC, WB, ELISA

Cited Applications:
IF, WB

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 lung cancer tissue

IF: A431 cells, human tonsillitis tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Shan Chen	35302673	J Clin Lab Anal	WB
Li Dong	35690140	J Invest Dermatol	IF
Hisashi Ideno	38142940	J Oral Biosci	IF

Storage

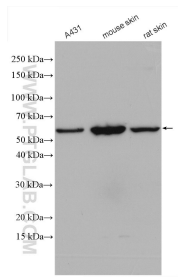
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

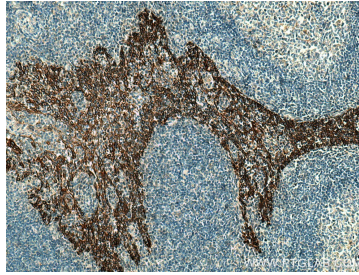
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

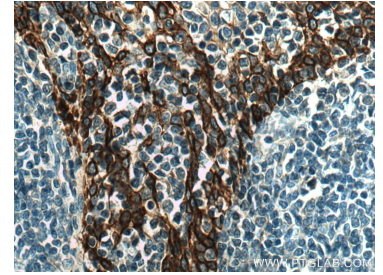
Selected Validation Data



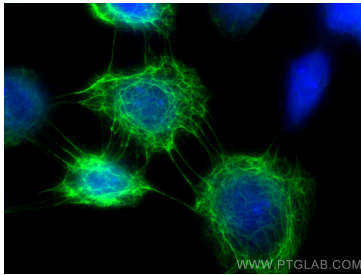
Various lysates were subjected to SDS PAGE followed by western blot with 28506-1-AP (Cytokeratin 5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



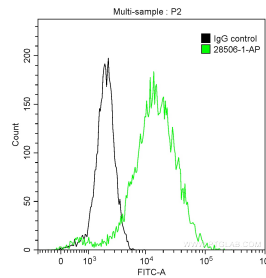
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28506-1-AP (Cytokeratin 5 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



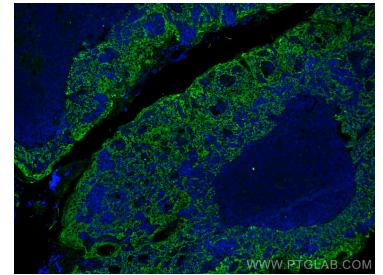
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28506-1-AP (Cytokeratin 5 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



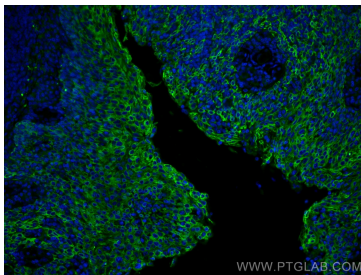
Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Cytokeratin 5 antibody (28506-1-AP) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ A431 cells were intracellularly stained with 0.2 ug Anti-Human Cytokeratin 5 (28506-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.



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).