

For Research Use Only

Cytokeratin 8-specific Polyclonal antibody



Catalog Number: 27105-1-AP

2 Publications

Basic Information

Catalog Number: 27105-1-AP	GenBank Accession Number: BC008200	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 3856	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:2000-1:8000 IF 1:50-1:500
Source: Rabbit	Full Name: keratin 8	
Isotype: IgG	Calculated MW: 54 kDa	
Immunogen Catalog Number: AG25844	Observed MW: 52 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human

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, HepG2 cells

IHC: human tonsillitis tissue, human colon tissue, mouse skin tissue, rat skin tissue

IF: HepG2 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. KRT8 is often paired with keratin 18 in vivo.

Notable Publications

Author	Pubmed ID	Journal	Application
Hua Chen	37956258	Environ Toxicol	IHC
Houqiang Li	37577321	Transl Lung Cancer Res	WB

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

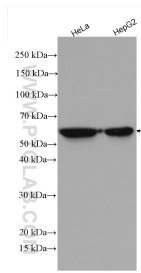
For technical support and original validation data for this product please contact:

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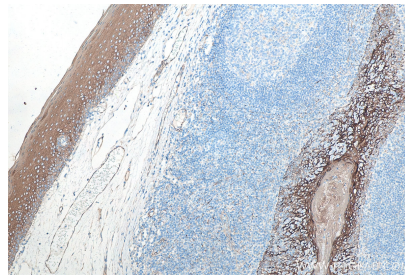
E: proteintech@ptglab.com
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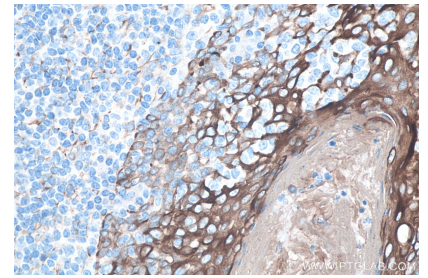
Selected Validation Data



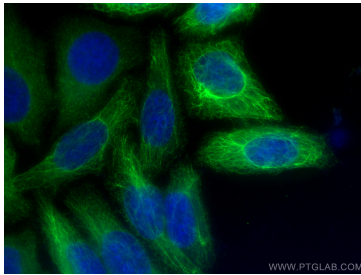
Various lysates were subjected to SDS PAGE followed by western blot with 27105-1-AP (Cytokeratin 8-specific antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27105-1-AP (Cytokeratin 8-specific antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27105-1-AP (Cytokeratin 8-specific antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using Cytokeratin 8-specific antibody (27105-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).