

Nur für Forschungszwecke

# Cytokeratin 8 Polyklonaler Antikörper



Katalog-Nr.:10384-1-AP

Vorgestelltes Produkt

9 Publikationen

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 10384-1-AP	<b>GenBank-Zugangsnummer:</b> BC000654	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 450 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 3856	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> keratin 8	IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 54 kDa	IHC 1:1000-1:4000
<b>Immunogen Katalognummer:</b> AG0488	<b>Beobachtete Masse:</b> 52 kDa	IF 1:200-1:800

## Anwendungen

**Geprüfte Anwendungen:**  
FC, IF, IHC, IP, WB, ELISA

**In Publikationen genannte Anwendungen:**  
IF, IHC, IP, WB

**Getestete Reaktivität:**  
Human, Maus, Ratte

**Zitierte Arten:**  
Hausschwein, Human, Hund, Maus, Ratte, Ziege

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

**Positivkontrollen:**

**WB:** HaCaT-Zellen, A431-Zellen, A549-Zellen, COLO 320-Zellen, HeLa-Zellen, MCF-7-Zellen, Rattenhautgewebe

**IP:** HeLa-Zellen,

**IHC:** humanes Tonsillitisgewebe, humanes Appendizitis-Gewebe, humanes Kolongewebe, humanes Lebergewebe, humanes Mammakarzinomgewebe, humanes Nierenzellkarzinomgewebe

**IF:** A431-Zellen, HeLa-Zellen, HepG2-Zellen, humanes Mammakarzinomgewebe

## Hintergrundinformationen

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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Shuai Yu	34616727	Front Cell Dev Biol	WB,IF
Jian Huang	36189316	Front Immunol	IF,WB
Jun Wang	34050614	Anat Rec (Hoboken)	IHC

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

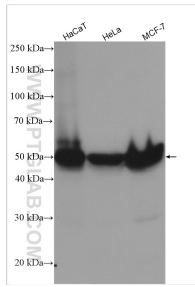
For technical support and original validation data for this product please contact:

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

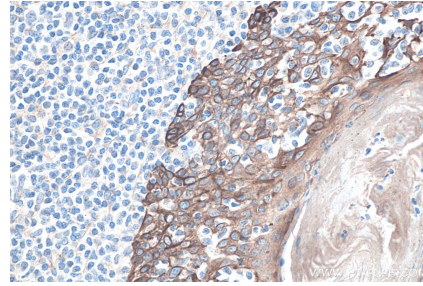
E: proteintech@ptglab.com  
W: ptglab.com

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

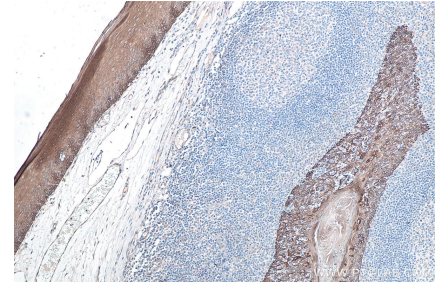
## Ausgewählte Validierungsdaten



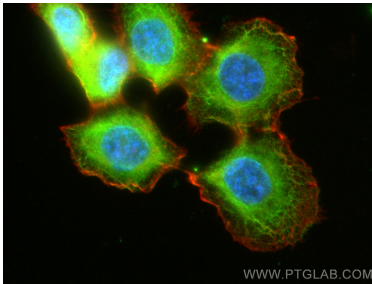
Various lysates were subjected to SDS PAGE followed by western blot with 10384-1-AP (Cytokeratin 8 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



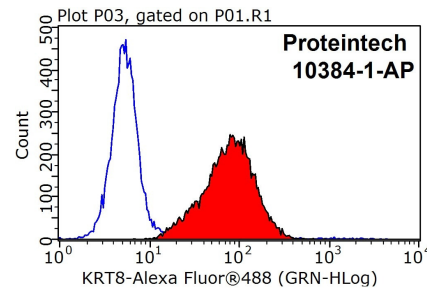
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10384-1-AP (Cytokeratin 8 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



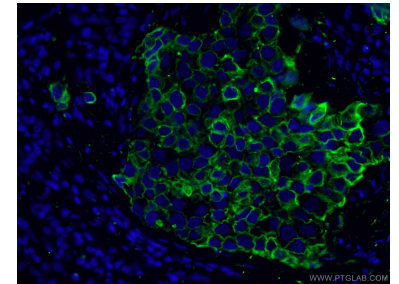
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10384-1-AP (Cytokeratin 8 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



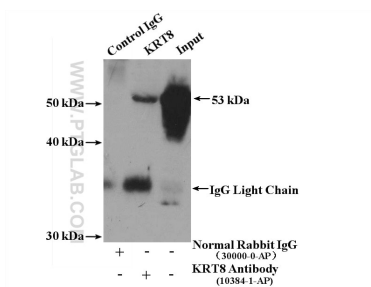
Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Cytokeratin 8 antibody (10384-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite@594 Beta Actin antibody (CL594-66009, Clone: 2D4H5, red).



1X10<sup>6</sup> HepG2 cells were stained with 0.2ug Cytokeratin 8 antibody (10384-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using 10384-1-AP (Cytokeratin 8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-Cytokeratin 8 (IP:10384-1-AP, 4ug; Detection:10384-1-AP 1:1000) with HeLa cells lysate 2000ug.