

Nur für Forschungszwecke

# Cytokeratin 16 Monoklonaler Antikörper



Katalog-Nr.: 66802-1-Ig

Vorgestelltes Produkt

1 Publikationen

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66802-1-Ig	<b>GenBank-Zugangsnummer:</b> BC039169	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 1200 µg/ml von 3868 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> keratin 16	<b>CloneNo.:</b> 2H4D8
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> keratin 16	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IHC 1:2000-1:8000 IF 1:200-1:800
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 473 aa, 51 kDa	
<b>Immunogen Katalognummer:</b> AG11240	<b>Beobachtete Masse:</b> 51 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : A431-Zellen, A549-Zellen
<b>In Publikationen genannte Anwendungen:</b> IF, IHC, WB	<b>IHC :</b> humanes Tonsillitisgewebe, humanes Hautkrebsgewebe, humanes Zervixkarzinomgewebe
<b>Getestete Reaktivität:</b> Human	<b>IF :</b> A431-Zellen,
<b>Zitierte Arten:</b> Human	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## 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. Keratin 16 is a type I cytokeratin. It is paired with keratin 6 in a number of epithelial tissues, including nail bed, esophagus, tongue, and hair follicles.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Maha Elazezy	34359774	Cancers (Basel)	WB,IHC,IF

## Lagerung

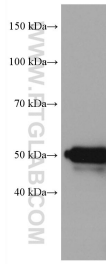
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

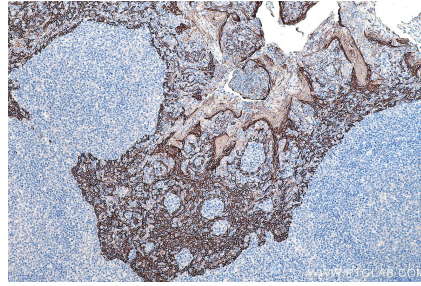
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

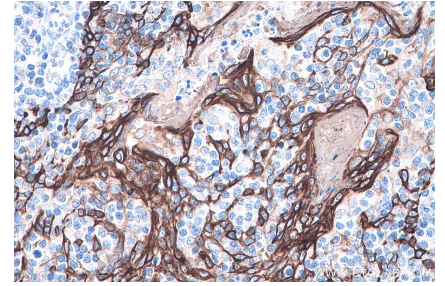
## Ausgewählte Validierungsdaten



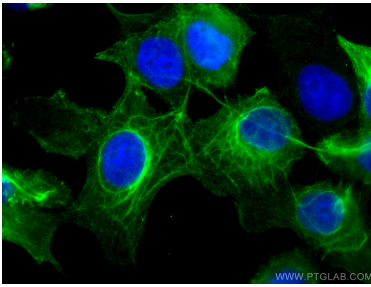
A431 cells were subjected to SDS PAGE followed by western blot with 66802-1-Ig (Cytokeratin 16 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



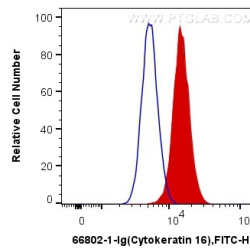
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66802-1-Ig (Cytokeratin 16 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66802-1-Ig (Cytokeratin 16 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 Ethanol) fixed A431 cells using Cytokeratin 16 antibody (66802-1-Ig, Clone: 2H4D8) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



$1 \times 10^6$  A431 cells were intracellularly stained with 0.4  $\mu$ g Anti-Human Cytokeratin 16 (66802-1-Ig, Clone: 2H4D8) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4  $\mu$ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).