

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Cytokeratin 16



Numéro de catalogue: 66802-1-Ig

Phare

2 Publications

## Informations de base

Numéro de catalogue: 66802-1-Ig	Numéro d'acquisition GenBank: BC039169	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3868	CloneNo.: 2H4D8
Hôte: Mouse	Nom complet: keratin 16	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:2000-1:8000 IF 1:200-1:800
Isotype: IgG1	MW calculé: 473 aa, 51 kDa	
Immunogen Catalog Number: AG11240	MW observés: 51 kDa	

## Applications

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

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain

Espèces citées:  
Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules A431, cellules A549, lait humain

IHC : tissu d'amygdalite humaine, tissu de cancer de la peau humaine, tissu de cancer du col de l'utérus humain

IF : cellules A431,

## Informations générales

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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Maha Elazezy	34359774	Cancers (Basel)	WB,IHC,IF
Xuejiao Liu	37553345	Nat Commun	WB,IHC

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

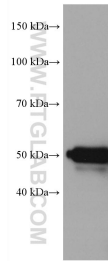
For technical support and original validation data for this product please contact:

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

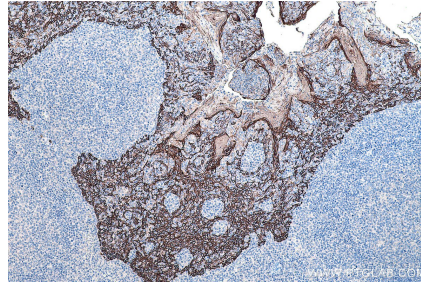
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

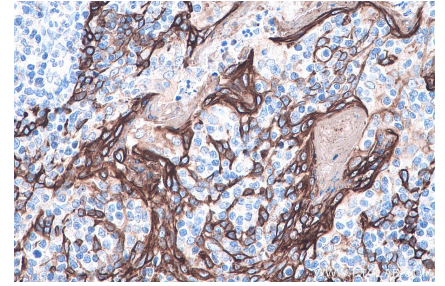
## Données de validation sélectionnées



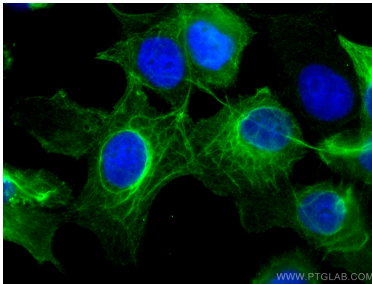
A431 cells were subjected to SDS PAGE followed by western blot with 66802-1-Ig (Cytokeratin 16 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



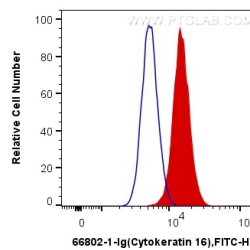
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66802-1-Ig (Cytokeratin 16 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 ug 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 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).