

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Cytokeratin 14



Numéro de catalogue: 60320-1-Ig

15 Publications

## Informations de base

Numéro de catalogue: 60320-1-Ig	Numéro d'acquisition GenBank: BC002690	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1390 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3861	CloneNo.: 2G1E2
Hôte: Mouse	Nom complet: keratin 14	Dilutions recommandées: WB 1:500-1:2000 IHC 1:400-1:800 IF 1:20-1:200
Isotype: IgG1	MW calculé: 472 aa, 52 kDa	
Immunogen Catalog Number: AG17559	MW observés: 52 kDa	

## Applications

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

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, porc, rat, souris

Espèces citées:  
Humain, souris

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

Contrôles positifs:

WB : cellules A431, tissu cutané de souris

IHC : tissu de cancer du poumon humain, tissu cutané de rat, tissu cutané humain, tissu de cancer de la peau humaine, tissu de cancer du col de l'utérus humain, tissu d'hyperplasie mammaire humaine

IF : cellules A431, tissu cutané de souris

## 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 14 is a type I cytokeratin. It is usually found as a heterotetramer with keratin 5. Keratins K14 and K5 have long been considered to be biochemical markers of the stratified squamous epithelia, including epidermis.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Zhongwei Xin	36115836	Nat Commun	IF
Jiajun Xie	34482361	Signal Transduct Target Ther	WB,IHC
Jiali Li	36388171	Oxid Med Cell Longev	IF

## 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.

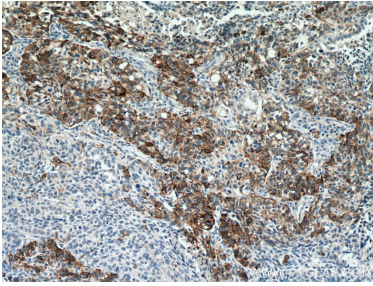
For technical support and original validation data for this product please contact:

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

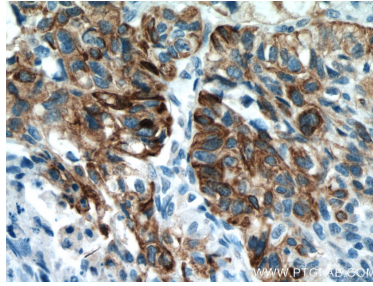
E: proteintech@ptglab.com  
W: ptglab.com

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

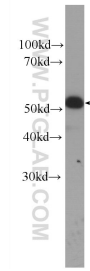
## Données de validation sélectionnées



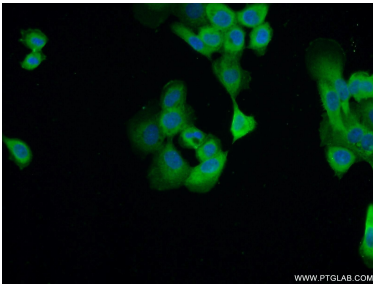
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



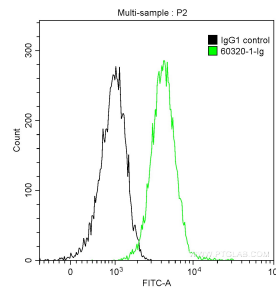
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A431 cells were subjected to SDS PAGE followed by western blot with 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of A431 cells using 60320-1-Ig (Cytokeratin 14 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



1x10<sup>6</sup> A431 cells were intracellularly stained with 0.2 ug Anti-Human Cytokeratin 14 (60320-1-Ig, Clone:2G1E2) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.