À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Cytokeratin 17

Numéro de catalogue:18502-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Informations de base

Numéro de catalogue:
18502-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 220 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13351

Numéro d'acquisition GenBank:
BC011901

Identification du gène (NCBI):
3872

Nom complet:
keratin 17

MW calculé
48 kDa

MW observés:
48 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:3000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:200-1:800

Applications

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

Spécificité de l'espèce:
Humain, rat, 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 HeLa, cellules A431

IP : cellules HeLa,

IHC : tissu de cancer du col de l'utérus humain, tissu cutané humain, tissu de cancer du côlon humain, tissu de cancer du pancréas humain, tissu de cancer du poumon humain

IF : cellules HeLa,

Informations générales

Keratins are a large family of proteins that form the intermediate filaments that make up the cytoskeleton. Type I keratins are a group of acidic intermediate filament proteins and type II keratins are the basic or neutral counterparts. Keratin 17 is encoded by the KRT17 gene and is a type I cytokeratin found in nail beds, hair follicles, sebaceous glands, and epidermal appendages.The molecular weight of cytokeratin 17 is approximately 49 kDa.Cytokeratin 17 plays a role in the formation and maintenance of epidermal appendages, especially in determining the shape and orientation of hair. It is required for the maintenance of the anagen (growth) state of hair follicles by modulating the function of TNF-alpha for hair cycling and is also involved in tissue repair (PMID: 16702408).

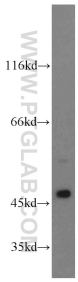
Stockage

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

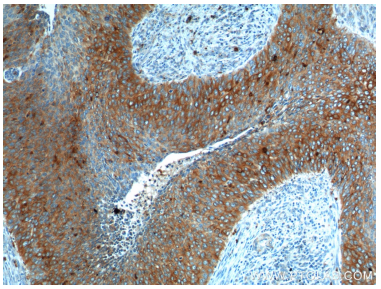
***** Les 20ul contiennent 0,1% de BSA.**

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

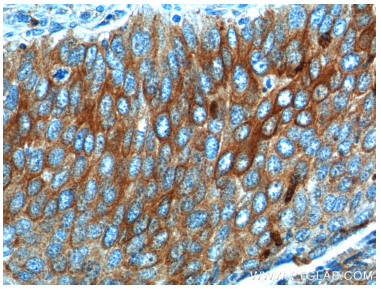
Données de validation sélectionnées



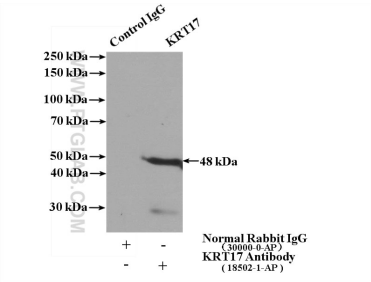
HeLa cells were subjected to SDS PAGE followed by western blot with 18502-1-AP (Cytokeratin 17 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



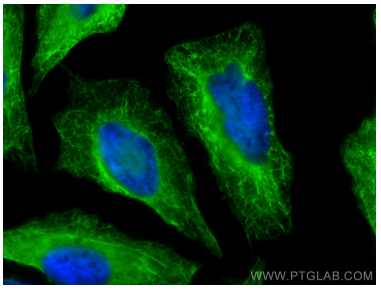
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 18502-1-AP (Cytokeratin 17 antibody at dilution of 1:200 (under 10x lens).



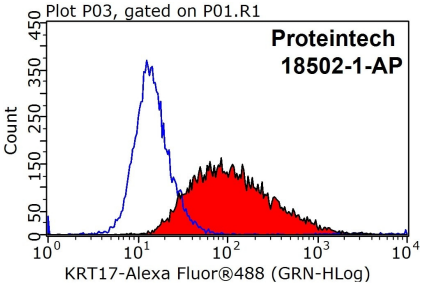
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 18502-1-AP (Cytokeratin 17 antibody at dilution of 1:200 (under 40x lens).



IP Result of anti-Cytokeratin 17 (IP:18502-1-AP, 4ug; Detection:18502-1-AP 1:600) with HeLa cells lysate 1600ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Cytokeratin 17 antibody (18502-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10^6 HeLa cells were stained with 0.2ug Cytokeratin 17 antibody (18502-1-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.