

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-P16-INK4A



Numéro de catalogue: 10883-1-AP

Phare

284 Publications

Informations de base

Numéro de catalogue:

10883-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1328

Numéro d'acquisition GenBank:

BC021998

Identification du gène (NCBI):

1029

Nom complet:

cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)

MW calculé

16 kDa

MW observés:

16-18 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 µg for IP and 1:1000-1:8000 for WB

IHC 1:1000-1:4000

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

Cell treatment, FC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

canin, Humain, singe

Contrôles positifs:

WB : cellules HEK-293, cellules HEK293, cellules HeLa, cellules HepG2, cellules PC-3

IP : cellules HEK-293,

IHC : tissu de cancer du col de l'utérus humain,

IF : cellules HeLa,

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.

Informations générales

CDKN2A generates several transcript variants which differ in their first exons. At least three alternatively-spliced variants encoding distinct proteins were reported. Two of them named p16-INK4 and p14 are sharing 50% identity. The third one -p14(ARF) is entirely unrelated. 10883-1-AP reacts with p16 specifically. P16 plays an essential role in regulating the cell cycle, and mutations in p16 increase the risk of developing various cancers, including melanoma.

Publications notables

Autrice	Pubmed ID	Journal	Application
Shin Hamada	28971839	Am J Physiol Gastrointest Liver Physiol	IHC
Julie Wang	26416809	Circulation	WB
Shengya Tian	31562192	Life Sci Alliance	WB

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.**

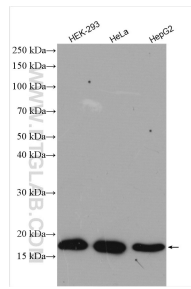
For technical support and original validation data for this product please contact:

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

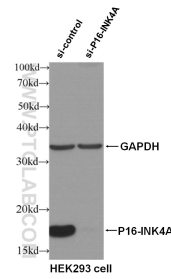
E: proteintech@ptglab.com
W: ptglab.com

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

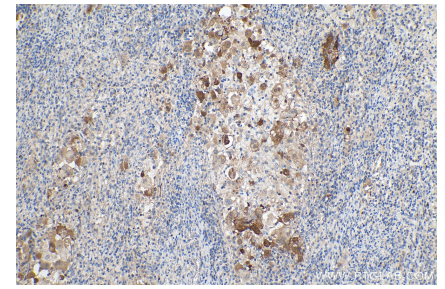
Données de validation sélectionnées



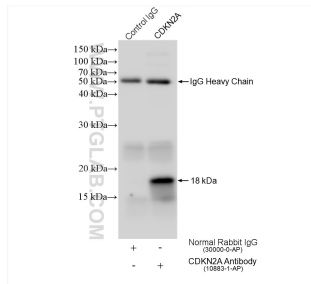
Various lysates were subjected to SDS PAGE followed by western blot with 10883-1-AP (P16-INK4A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



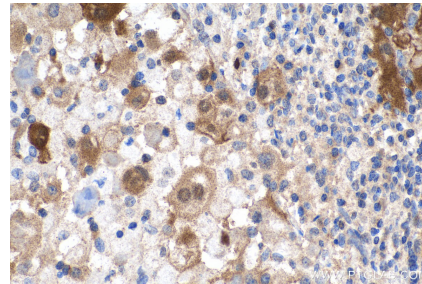
WB result of p16-INK4A antibody (10883-1-AP, 1:2,000) with si-Control and si-p16 transfected HEK-293 cells.



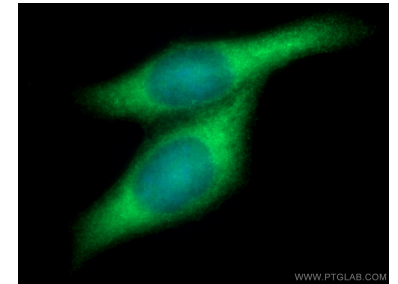
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 10883-1-AP (P16-INK4A antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



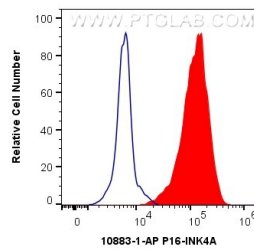
IP result of anti-P16-INK4A (IP:10883-1-AP, 4ug; Detection:10883-1-AP 1:4000) with HEK-293 cells lysate 1400 ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 10883-1-AP (P16-INK4A antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 10883-1-AP (P16-INK4A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ HeLa cells were intracellularly stained with 0.5 ug Anti-Human P16-INK4A (10883-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).