

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AKT

Numéro de catalogue: 60203-2-Ig

Phare

282 Publications



## Informations de base

Numéro de catalogue:

60203-2-Ig

Numéro d'acquisition GenBank:

BC000479

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 2000 µg/ml by 207

Identification du gène (NCBI):

207

CloneNo.:

2C5D1

Nanodrop;

Nom complet:

v-akt murine thymoma viral oncogene homolog 1

Dilutions recommandées:

WB 1:5000-1:50000

Hôte:

Mouse

IP 0.5-4.0 ug for IP and 1:500-1:2000

Isotype:

IgG1

MW calculé

56 kDa

for WB

IHC 1:100-1:400

IF 1:10-1:100

Immunogen Catalog Number:

AG16695

MW observés:

56-62 kDa

## Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules LNCaP, cellules NIH/3T3, cellules PC-12, cellules RAW 264.7, cellules ROS1728, tissu cérébral de souris, tissu hépatique de rat

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

IP : tissu cérébral de souris,

Espèces citées:

bovin, Humain, poulet, rat, souris, Hamster

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

**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.**

IF : cellules HeLa,

## Informations générales

The serine-threonine protein kinase AKT1 is catalytically inactive in serum-starved primary and immortalized fibroblasts. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivates components of the apoptotic machinery. This antibody detects all the members of AKT with/without phospho- modification.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yi Yu	34585393	J Periodontol	WB
Wenbin Pei	34650433	Front Pharmacol	WB
YanHua Fan	36174847	Fitoterapia	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.

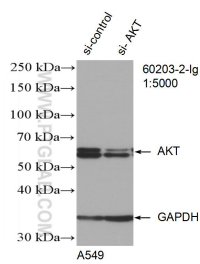
For technical support and original validation data for this product please contact:

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

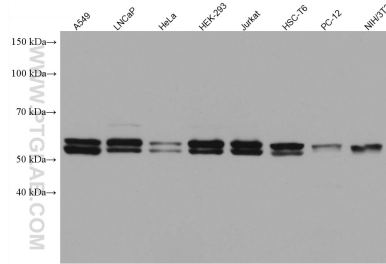
E: proteintech@ptglab.com  
W: ptglab.com

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

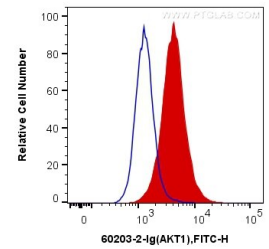
## Données de validation sélectionnées



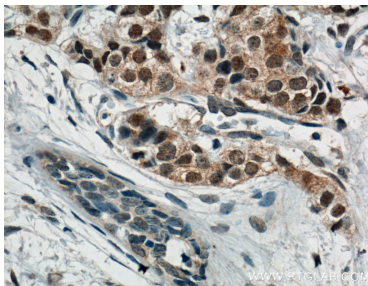
WB result of AKT antibody (60203-2-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AKT transfected A549 cells.



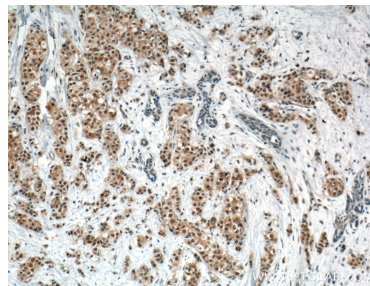
Various lysates were subjected to SDS PAGE followed by western blot with 60203-2-Ig (AKT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



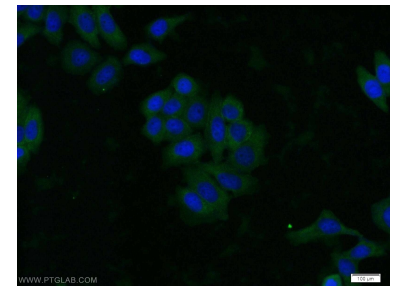
$1 \times 10^6$  Jurkat cells were intracellularly stained with 0.2 ug Anti-Human AKT (60203-2-Ig, Clone:2C5D1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



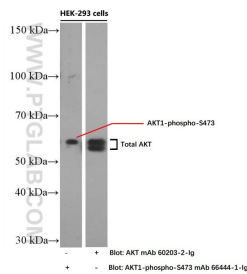
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60203-2-Ig (AKT Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



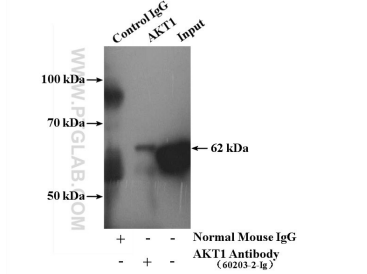
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60203-2-Ig (AKT Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells using 60203-2-Ig (AKT antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 60203-2-Ig (AKT Antibody) and 66444-1-Ig (AKT1-phospho-S473 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP Result of anti-AKT (IP:60203-2-Ig, 5ug; Detection:60203-2-Ig 1:1000) with mouse brain tissue lysate 4000ug.