

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-Phospho-STK11/LKB1 (Thr189)



Numéro de catalogue:80127-1-RR

## Informations de base

Numéro de catalogue: 80127-1-RR	Numéro d'acquisition GenBank: BC007981	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 250 µg/ml by Nanodrop;	Identification du gène (NCBI): 6794	CloneNo.: 5J9
Hôte: Lapin	Nom complet: serine/threonine kinase 11	Dilutions recommandées: WB 1:1000-1:10000 IF 1:50-1:500
Isotype: IgG	MW calculé 49 kDa	
	MW observés: 50-55 kDa	

## Applications

Applications testées:  
FC, IF, WB, ELISA

Spécificité de l'espèce:  
Humain, souris

### Contrôles positifs:

WB : cellules PC-3, cellules HEK-293, cellules HEK-293 traitées à la calyculine A, cellules NIH/3T3, cellules NIH/3T3 traitées à la calyculine A, cellules PC-3 traitées à la calyculine A

IF : cellules PC-3 traitées à la calyculine A,

## Informations générales

STK11(serine/threonine-protein kinase 11) is also named as LKB1, PJS, and belongs to the protein kinase superfamily. It controls the activity of AMP-activated protein kinase (AMPK) family members, thereby playing a role in various processes such as cell metabolism, cell polarity, apoptosis and DNA damage response. The tumour suppressor protein LKB1 is a serine/threonine kinase that has been causally linked to Peutz-Jeghers syndrome (PJS). Defects in STK11 are a cause of Peutz-Jeghers syndrome (PJS) and defects in STK11 have been associated with testicular germ cell tumor (TGCT) and some sporadic cancers, especially lung cancers.

## 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.

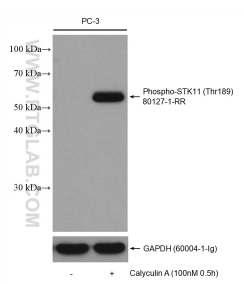
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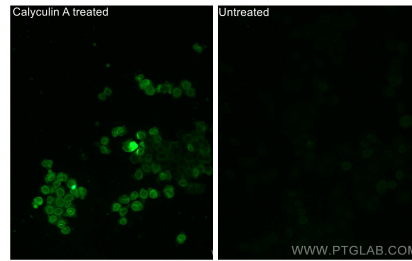
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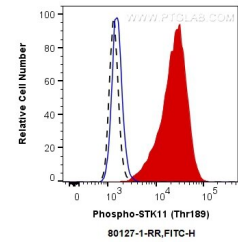
## Données de validation sélectionnées



Non-treated PC-3 and Calyculin A treated PC-3 cells were subjected to SDS PAGE followed by western blot with 80127-1-RR (Phospho-STK11/LKB1 (Thr189) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.



Immunofluorescent analysis of (4% PFA) fixed non-treated PC-3 cells and Calyculin A treated PC-3 cells using Phospho-STK11/LKB1 (Thr189) antibody (80127-1-RR, Clone: 5J9) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> PC-3 cells untreated (dashed lines) or Calyculin A treated (red) were intracellularly stained with 0.25 ug Anti-Human Phospho-STK11 (Thr189) (80127-1-RR, Clone:5J9) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.25 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.