

Nur für Forschungszwecke

Phospho-STK11/LKB1 (Thr189) Rekombinanter Antikörper



Katalog-Nr.: 80127-1-RR

Allgemeine Informationen

Katalog-Nr.: 80127-1-RR	GenBank-Zugangsnummer: BC007981	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 250 µg/ml von Nanodrop;	GeneID (NCBI): 6794	CloneNo.: 5J9
Wirt: Kaninchen	Vollständiger Name: serine/threonine kinase 11	Empfohlene Verdünnungen: WB 1:1000-1:10000 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 49 kDa	
	Beobachtete Masse: 50-55 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IF, WB, ELISA

Getestete Reaktivität:
Human, Maus

Positivkontrollen:

WB: PC-3-Zellen, HEK-293-Zellen, Mit Calyculin A behandelte HEK-293-Zellen, mit Calyculin A behandelte NIH/3T3-Zellen, Mit Calyculin A behandelte PC-3-Zellen, NIH/3T3-Zellen

IF: Mit Calyculin A behandelte PC-3-Zellen,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

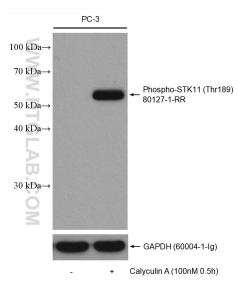
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

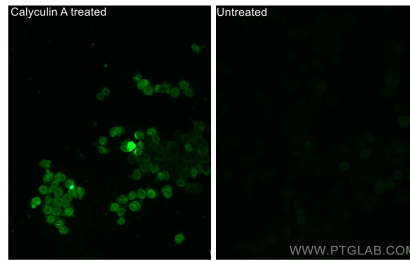
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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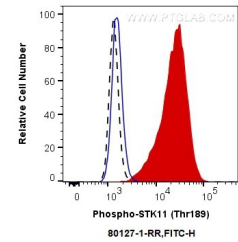
Ausgewählte Validierungsdaten



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).



1X10⁶ 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.