

À des fins de recherche uniquement

Anticorps Monoclonal anti-RICTOR

Numéro de catalogue: 66867-2-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66867-2-Ig	Numéro d'acquisition GenBank: BC029608	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 253260	CloneNo.: 1D1C4
Hôte: Mouse	Nom complet: rapamycin-insensitive companion of mTOR	Dilutions recommandées: WB 1:1000-1:6000
Isotype: IgG1	MW calculé: 192 kDa	
Immunogen Catalog Number: AG28487	MW observés: 192 kDa	

Applications

Applications testées: WB,ELISA	Contrôles positifs: WB : cellules NCI-H1299, cellules HEK-293, cellules HeLa
Demandes citées: WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain	

Informations générales

RICTOR, is a key component of the mTOR complex 2 (mTORC2) and is required for phosphorylation of Akt at serine 473. RICTOR is the upstream kinase of several AGC kinase family members including AKT, SGK, S6K mutants and several PKC isoforms. Activation of RICTOR-mTORC2 modifies actin organization and promotes cell proliferation and survival. Rictor is overexpressed in several cancers leading to hyperactive mTORC2 and has been shown to play a causal role in glioma formation. Rictor expression has been demonstrated to be regulated transcriptionally and via protein degradation.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xuyang Zhao	32850947	Front Mol Biosci	WB

Stockage

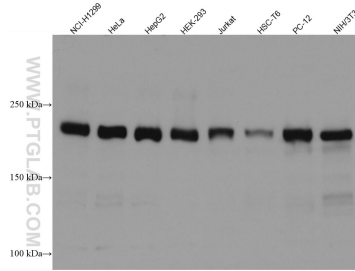
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

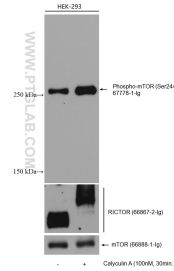
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

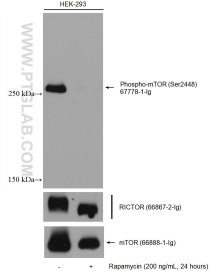
Données de validation sélectionnées



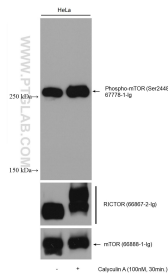
Various lysates were subjected to SDS PAGE followed by western blot with 66867-2-Ig (RICTOR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Non-treated and Calyculin A treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 67778-1-Ig (Phospho-mTOR (Ser2448) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with RICTOR antibody (66867-2-Ig) and mTOR antibody (66888-1-Ig) subsequently.



Non-treated and Rapamycin treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 67778-1-Ig (Phospho-mTOR (Ser2448) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with RICTOR antibody (66867-2-Ig) and mTOR antibody (66888-1-Ig) subsequently.



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 67778-1-Ig (Phospho-mTOR (Ser2448) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with RICTOR antibody (66867-2-Ig) and mTOR antibody (66888-1-Ig) subsequently.