

À des fins de recherche uniquement

# Anticorps Monoclonal anti-p70(S6K)

Numéro de catalogue: 66638-1-Ig **9 Publications**



## Informations de base

Numéro de catalogue: 66638-1-Ig	Numéro d'acquisition GenBank: BC053365	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6198	CloneNo.: 1D11C6
Hôte: Mouse	Nom complet: ribosomal protein S6 kinase, 70kDa, polypeptide 1	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:200-1:800
Isotype: IgG1	MW calculé: 59 kDa	
Immunogen Catalog Number: AG5883	MW observés: 60-75 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

IF, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules Jurkat, cellules HEK-293, cellules HSC-T6, cellules NIH/3T3

IHC : tissu de cancer du poumon humain,

## Informations générales

RPS6KB1(Ribosomal protein S6 kinase beta-1) is also named as STK14A, p70 S6KA and belongs to the S6 kinase subfamily. RPS6KB1 is a major substrate of MTOR and acts as a crucial effector of MTOR signaling pathway. It plays a key role in cell growth and proliferation by regulating INS sensitivity, metabolism, protein synthesis, and cell cycle. RPS6KB1 may play an important role in the progression of HCC and could serve as a potential molecular target for HCC therapy (PMID:22684641). RPS6KB1 is a 70 kDa protein and has 5 isoforms with the calculated molecular mass of 51-59kDa produced by alternative initiation.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Haitao Fan	33166495	Exp Mol Pathol	WB
Fen Xu	32210620	Cancer Manag Res	WB
A L Feng	32130676	Clin Transl Oncol	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.

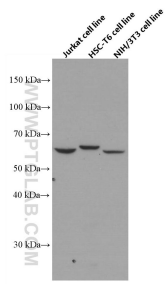
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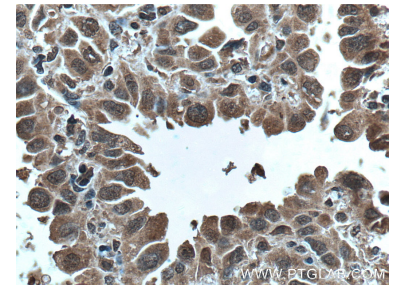
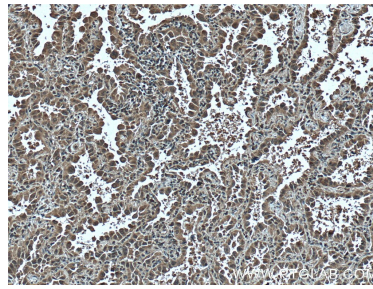
E: proteintech@ptglab.com  
W: ptglab.com

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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66638-1-Ig (p70(S6K) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66638-1-Ig (p70(S6K) antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).