

S6K2 (Phospho-Ser371) Rabbit mAb

Catalog No: #52100

Package Size: #52100-1 50ul #52100-2 100ul

Description

Product Name	S6K2 (Phospho-Ser371) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S01-4A5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic phosphopeptide corresponding to residues surrounding Ser371 of human P70 S6 Kinase beta
Conjugates	Unconjugated
Modification	Phosphorylated
Other Names	SRK;p70 S6 kinase beta;p70 S6K-beta;p70 S6KB;p70-beta;P70S6K2
Accession No.	Swiss-Prot:Q9UBS0GeneID:6199
Calculated MW	Predicted band size: 54 kDa
SDS-PAGE MW	Observed band size: 60 kDa
Concentration	0.3 mg/ml
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

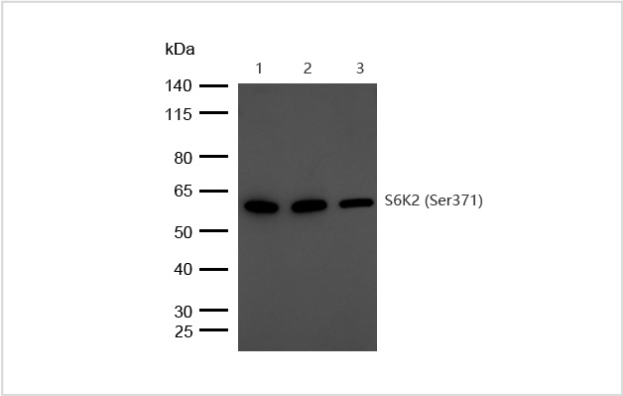
Application Details

WB: 1:500-1:2000

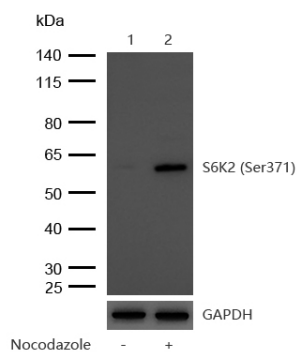
ICC/IF: 1:50-1:200

IHC: 1:50-1:200

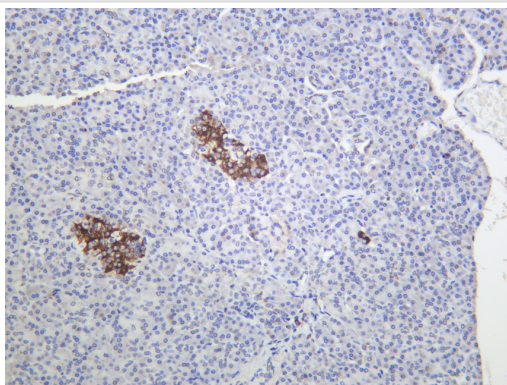
Images



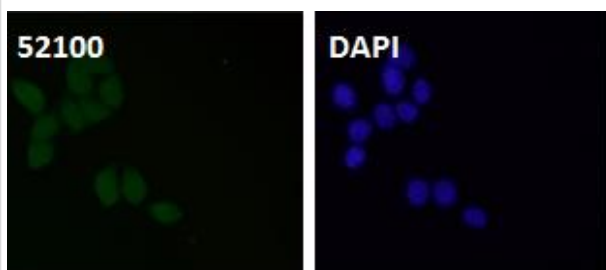
All lanes : S6K2 (Phospho-Ser371) Rabbit mAb at 1/1k dilution
Lane 1 : 3T3 whole cell lysates
Lane 2 : C6 whole cell lysates
Lane 3 : K562 whole cell lysates
Lysates/proteins at 20 µg per lane.
Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 54 kDa
Observed band size: 60 kDa
Exposure time: 6 seconds



All lanes : S6K2 (Phospho-Ser371) Rabbit mAb at 1/1k dilution
 Lane 1 : HT29 whole cell lysates
 Lane 2 : HT29 treated with 100 ng/ml Nocodazole for 12 hours whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 54 kDa Observed band size: 60kDa
 Exposure time: 5 seconds



Formalin-fixed, paraffin-embedded human pancreas tissue stained for S6K2 (Phospho-Ser371) using 52100 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence S6K2 (Phospho-Ser371) antibody (52100)
 ICC/IF staining of S6K2 (Phospho-Ser371) in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.
 Samples were incubated with 52100 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.
 Nuclei were counterstained with DAPI.

Background

Swiss-Prot Acc.Q9UBS0. Phosphorylates specifically ribosomal protein S6 (PubMed:29750193).

Seems to act downstream of mTOR signaling in response to growth factors and nutrients to promote cell proliferation, cell growth and cell cycle progression in an alternative pathway regulated by MEAK7

Note: This product is for in vitro research use only and is not intended for use in humans or animals.