Phospho-RSK1(S380) Rabbit mAb

Catalog No: #13378

Package Size: #13378-1 50ul #13378-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

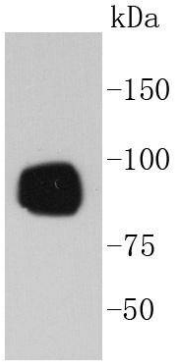
Description

Product Name	Phospho-RSK1(S380) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SC05-32
Purification	ProA affinity purified
Applications	WB, ICC/IF, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser380 of human RSK1.
Other Names	90 kDa ribosomal protein S6 kinase 1 antibody dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 1 antibody dJ590P13.1 antibody EC 2.7.11.1 antibody HU 1 antibody HU1 antibody KS6A1_HUMAN antibody MAP kinase activated protein kinase 1a antibody MAP kinase-activated protein kinase 1a antibody MAPK-activated protein kinase 1a antibody MAPKAP kinase 1a antibody MAPKAPK-1a antibody MAPKAPK1A antibody MGC79981 antibody Mitogen-activated protein kinase-activated protein kinase 1A antibody OTTHUMP00000004113 antibody p90 RSK1 antibody p90-RSK 1 antibody p90rsk antibody p90RSK1 antibody p90S6K antibody pp90RSK1 antibody Ribosomal protein S6 kinase 90kD 1 antibody Ribosomal protein S6 kinase 90kD polypeptide 1 antibody Ribosomal protein S6 kinase 90kDa polypeptide 1 antibody Ribosomal protein S6 kinase alpha 1 antibody Ribosomal protein S6 kinase alpha-1 antibody Ribosomal protein S6 kinase polypeptide 1 antibody Ribosomal S6 kinase 1 antibody RPS6K1 alpha antibody rps6ka antibody Rps6ka1 antibody RSK 1 antibody RSK 1 p90 antibody RSK antibody RSK-1 antibody RSK1 antibody S6K alpha 1 antibody S6K-alpha-1 antibody
Accession No.	Swiss-Prot#:Q15418
Uniprot	Q15418
GeneID	6195;
Calculated MW	90 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

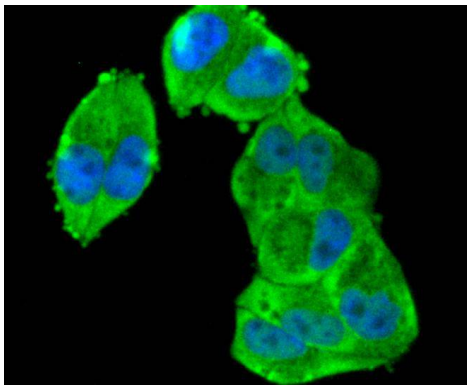
Application Details

WB: 1:1,000-5,000ICC: 1:50-1:200

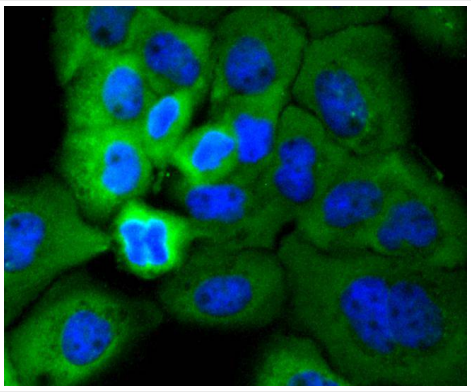
Images



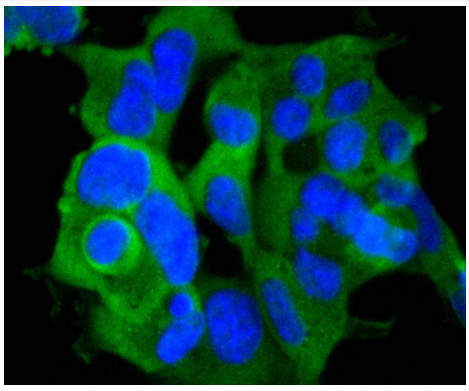
Western blot analysis of Phospho-RSK1(S380) on A431 cell lysates using anti-Phospho-RSK1(S380) antibody at 1/1,000 dilution.



ICC staining Phospho-RSK1(S380) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Phospho-RSK1(S380) in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Phospho-RSK1(S380) in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The family of ribosomal S6 kinases (Rsks), designated Rsk-1, Rsk-2 and Rsk-3, are important signaling intermediates that mediate responses to a broad range of ligand-activated receptor tyrosine kinases. It has been established that Rsk-3 is not activated by MAP kinase in vitro, unlike Rsk-1 and Rsk-2. A unique feature common to the three members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. The Rsk family amino-terminal kinase domain is phosphorylated on Ser 227 by 3-phosphoinositide-dependent protein kinase-1 (PDK1), which increases the kinase activity of Rsk. In the carboxy-terminal kinase domain, Rsk-1 and Rsk-2 are autophosphorylated on Ser 380 and Ser 386, respectively, which mediates the docking of PDK1 to Rsk in order to promote phosphorylation of substrates, such as histone H3.

References

Note: This product is for in vitro research use only