

Rabbit MSK1 Monoclonal Antibody | anti-MSK1 antibody

MSK1 (Phospho-phospho S376) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311016	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Western Blot

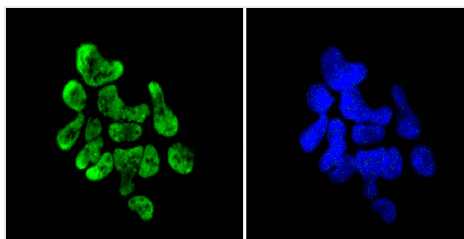
PRODUCT SYNONYMS

MSK1; Monoclonal Antibody; MSK1 (Phospho-phospho S376) Antibody; 90 kDa ribosomal protein S6 kinase 5 antibody; EC 2.7.11.1 antibody; KS6A5_HUMAN antibody; MGC1911 antibody; Mitogen and stress activated protein kinase 1 antibody; MSPK1 antibody; Nuclear Mitogen And Stress Activated Protein Kinase 1 antibody; Nuclear mitogen- and stress-activated protein kinase 1 antibody; Ribosomal protein S6 kinase 90kD polypeptide 5 antibody; Ribosomal protein S6 kinase 90kDa antibody; Ribosomal protein S6 kinase 90kDa polypeptide 5 antibody; Ribosomal Protein S6 Kinase Alpha 5 antibody; Ribosomal protein S6 kinase alpha-5 antibody; RLPK antibody; RPS6KA5 antibody; RSK Like Protein Kinase antibody; RSK-like protein kinase antibody; RSKL antibody; S6K alpha 5 antibody; S6K-alpha-5 antibody; anti-MSK1 antibody

PRODUCT SPECIFICATIONS

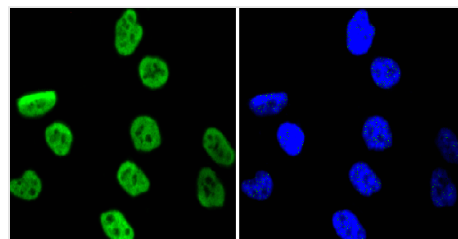
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN63-05
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MSK1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser376 of human MSK1.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



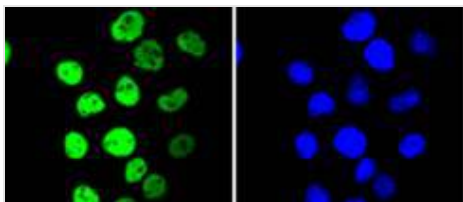
ICC (Immunocytochemistry)

ICC staining MSK1 (phospho S376) in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



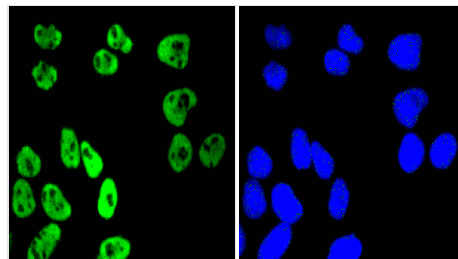
ICC (Immunocytochemistry)

ICC staining MSK1 (phospho S376) in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



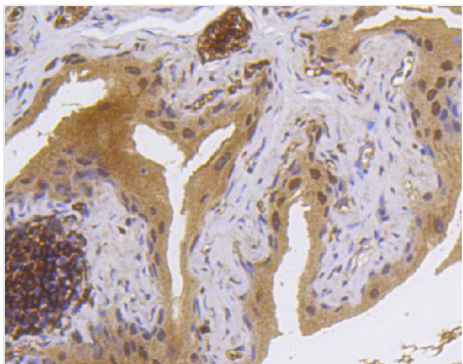
ICC (Immunocytochemistry)

ICC staining MSK1 (phospho S376) in LO2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining MSK1 (phospho S376) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse bladder tissue using anti-MSK1 (phospho S376) antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-MSK1 antibody

The family of ribosomal S6 kinases (Rsk), designated Rsk-1, Rsk-2 and Rsk-3, have been implicated as important signaling intermediates in response to a broad range of ligand-activated receptor tyrosine kinases. A unique feature common to the three members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. A related S6 kinase, p70 S6 kinase, functions to phosphorylate the S6 protein on ribosomal 40S subunits. p70 S6 kinase b shares high sequence homology with p70 S6 kinase, except in the carboxy terminus where it contains a proline-rich domain that may be involved in SH3 domain containing protein interactions. MSK1 (also designated RLPK) is related to Rsk and p70 S6 kinase family members and is thought to be structurally similar to Rsk family members, but it may be regulated by distinct mechanisms.

Product Categories/Family for anti-MSK1 antibody

[Phospho-specific Ab](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32528295
NCBI GeneID	9252
NCBI Accession #	NP_004746.2
NCBI GenBank Nucleotide #	NM_004755.2
UniProt Accession #	O75582 ; O95316 ; Q96AF7
Molecular Weight	89,865 Da
NCBI Official Full Name	ribosomal protein S6 kinase alpha-5 isoform a
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 90kDa, polypeptide 5
NCBI Official Symbol	RPS6KA5
NCBI Official Synonym Symbols	MSK1; RLPK; MSPK1

NCBI Protein Information	ribosomal protein S6 kinase alpha-5; RSKL; S6K-alpha-5; RSK-like protein kinase; 90 kDa ribosomal protein S6 kinase 5; nuclear mitogen- and stress-activated protein kinase 1
UniProt Protein Name	Ribosomal protein S6 kinase alpha-5
UniProt Gene Name	RPS6KA5
UniProt Synonym Gene Names	MSK1; S6K-alpha-5; RSKL
UniProt Entry Name	KS6A5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/msk1-antibody-clone-sn63-05-immunoprecipitation-immunohistochemistry-immunocytochemistry-western-blot-elisa/311016>