

Mouse anti-Human, Mouse RPS6KA2 Monoclonal Antibody | anti-RPS6KA2 antibody

Anti-RPS6KA2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14159	Mouse	Human, Mouse	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

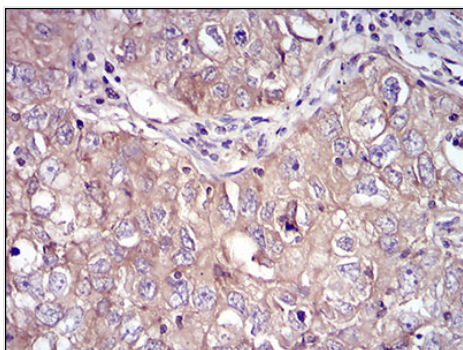
PRODUCT SYNONYMS

RPS6KA2; Monoclonal Antibody; Anti-RPS6KA2 Mouse mAb; RSK; HU-2; RSK3; p90-RSK3; pp90RSK3; MAPKAPK1C; S6K-alpha; S6K-alpha2; anti-RPS6KA2 antibody

PRODUCT SPECIFICATIONS

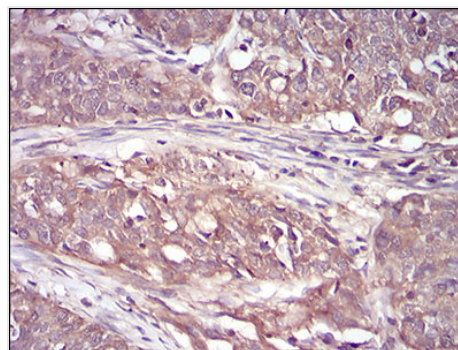
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3C4C8
Form/Format	Purified antibody in PBS with 0.05% sodium azide.
Sequence Length	644
Applicable Applications for anti-RPS6KA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human RPS6KA2 (AA: 415-734) expressed in E. Coli.

IMAGES



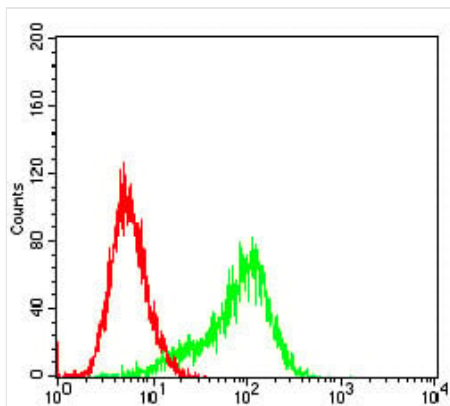
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded lung cancer tissues using RPS6KA2 mouse mAb with DAB staining.



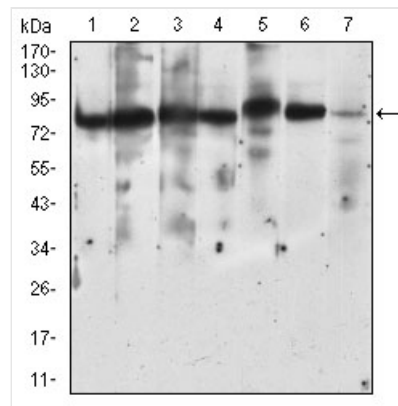
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using RPS6KA2 mouse mAb with DAB staining.



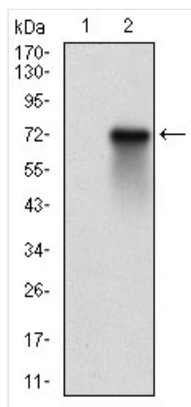
FCM (Flow Cytometry)

Flow cytometric analysis of HeLa cells using RPS6KA2 mouse mAb (green) and negative control (red).



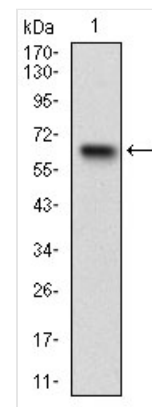
WB (Western Blot)

Western blot analysis using RPS6KA2 mouse mAb against HeLa (1), A431 (2), HEK293 (3), Jurkat (4), HepG2 (5), MCF-7 (6), NIH/3T3 (7) cell lysate.



WB (Western Blot)

Western blot analysis using RPS6KA2 mAb against HEK293 (1) and RPS6KA2 (AA



WB (Western Blot)

Western blot analysis using RPS6KA2 mAb against human RPS6KA2 (AA

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KA2 antibody

Entrez Summary: This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

NCBI AND UNIPROT INFORMATION

NCBI GI #	974576791
NCBI GeneID	6196
NCBI Accession #	NP_001305867.1
NCBI GenBank Nucleotide #	NM_001318938.1
UniProt Accession #	Q15349; Q15419; Q59GJ3; Q5TI68; Q96J38; Q9UJN5; B3KTK9
Molecular Weight	83.2
NCBI Official Full Name	ribosomal protein S6 kinase alpha-2 isoform e
NCBI Official Synonym Full Names	ribosomal protein S6 kinase A2
NCBI Official Symbol	RPS6KA2
NCBI Official Synonym Symbols	RSK; HU-2; RSK3; p90RSK2; p90-RSK3; pp90RSK3; MAPKAPK1C; S6K-alpha; S6K-alpha2

NCBI Protein Information	ribosomal protein S6 kinase alpha-2
UniProt Protein Name	Ribosomal protein S6 kinase alpha-2
UniProt Gene Name	RPS6KA2
UniProt Synonym Gene Names	MAPKAPK1C; RSK3; S6K-alpha-2; p90-RSK 2; p90RSK2; MAPK-activated protein kinase 1c; MAPKAP kinase 1c; MAPKAPK-1c; RSK-3

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://www.aaabiotech.com/monoclonal/rps6ka2-antibody-clone-3c4c8-western-blot-immunohistochemistry-flow-cytometry-elisa/14159>