

Mouse anti-Human Rsk-2 Monoclonal Antibody | anti-Rsk-2 antibody

Rsk-2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320219	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Western Blot

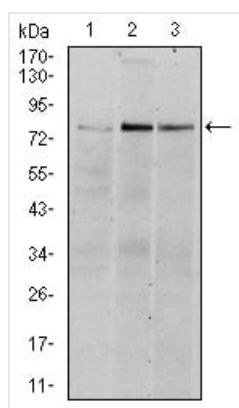
PRODUCT SYNONYMS

Rsk-2; Monoclonal Antibody; Rsk-2 Monoclonal Antibody; Ribosomal protein S6 kinase alpha-3; RPS6KA3; ISPK1; MAPKAPK1B; RSK2; S6K-alpha-3; 90 kDa ribosomal protein S6 kinase 3; p90-RSK 3; p90RSK3; Insulin-stimulated protein kinase 1; ISPK-1; MAP kinase-activated protein kinase 1b; MAPK-activated; anti-Rsk-2 antibody

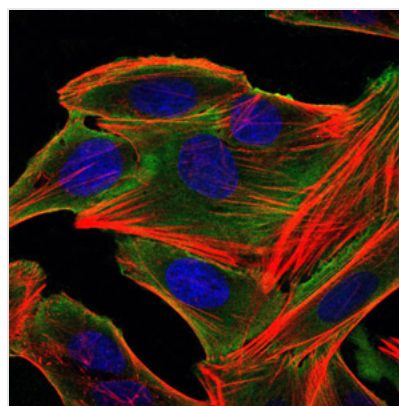
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Rsk-2 Monoclonal Antibody detects endogenous levels of Rsk-2 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Rsk-2 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Rsk-2 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

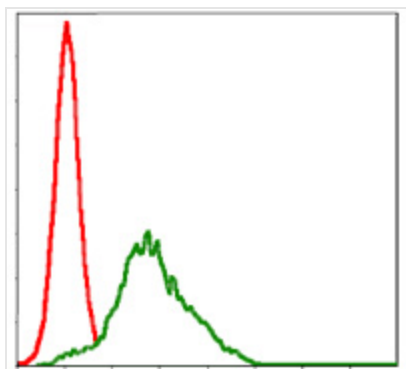


Application Data



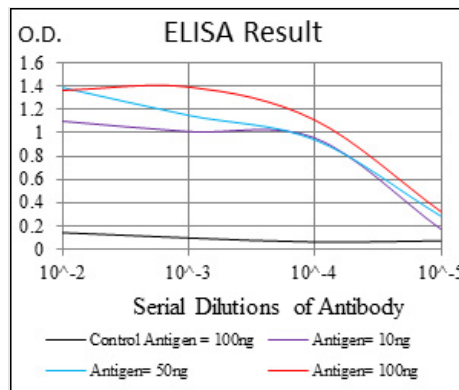
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells using Rsk-2 Monoclonal Antibody (green) and negative control (red).



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using Rsk-2 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Western Blot analysis using Rsk-2 Monoclonal Antibody against HeLa (1), MCF-7 (2), and HepG2 (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Rsk-2 antibody	ribosomal protein S6 kinase A3(RPS6KA3) Homo sapiens 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. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS). [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-Rsk-2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759050
NCBI GeneID	6197
NCBI Accession #	NP_004577.1
NCBI GenBank Nucleotide #	NM_004586.2
UniProt Accession #	P51812; Q4VAP3; Q59H26; Q5JPK8; Q7Z3Z7; B2R9V4
Molecular Weight	740
NCBI Official Full Name	ribosomal protein S6 kinase alpha-3
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 90kDa, polypeptide 3
NCBI Official Symbol	RPS6KA3
NCBI Official Synonym Symbols	CLS; RSK; HU-3; RSK2; MRX19; ISPK-1; p90-RSK2; pp90RSK2; MAPKAPK1B; S6K-alpha3
NCBI Protein Information	ribosomal protein S6 kinase alpha-3; RSK-2; p90-RSK 3; MAPKAPK-1b; S6K-alpha-3; MAPKAP kinase 1b; ribosomal S6 kinase 2; MAPK-activated protein kinase 1b; insulin-stimulated protein kinase 1; MAP kinase-activated protein kinase 1b
UniProt Protein Name	Ribosomal protein S6 kinase alpha-3
UniProt Gene Name	RPS6KA3
UniProt Synonym Gene Names	ISPK1; MAPKAPK1B; RSK2; S6K-alpha-3; p90-RSK 3; p90RSK3; ISPK-1; MAPK-activated protein kinase 1b; MAPKAP kinase 1b; MAPKAPK-1b; RSK-2
UniProt Entry Name	KS6A3_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.

