



p90RSK mouse mAb

Catalog No	BYab-14235
Isotype	IgG
Reactivity	Human;Mouse;Monkey
Applications	WB;IP
Gene Name	rps6ka1
Protein Name	
Immunogen	Purified recombinant human p90RSK protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of p90RSK and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb dilution 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	90 kDa ribosomal protein S6 kinase 1;dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 1;dJ590P13.1;EC 2.7.11.1;HU 1;HU1;KS6A1_HUMAN;MAP kinase activated protein kinase 1a;MAP kinase-activated protein kinase 1a;MAPK-activated protein kinase 1a;MAPKAP kinase 1a;MAPKAPK-1a;MAPKAPK1A;MGC79981;Mitogen-activated protein kinase-activated protein kinase 1A;OTTHUMP000000004113;p90 RSK1;p90-RSK 1;p90rsk;p90RSK1;p90S6K;pp90RSK1;Ribosomal protein S6 kinase 90kD 1;Ribosomal protein S6 kinase 90kD polypeptide 1;Ribosomal protein S6 kinase 90kDa polypeptide 1;Ribosomal protein S6 kinase alpha 1;Ribosomal protein S6 kinase alpha-1;Ribosomal protein S6 kinase polypeptide 1;Ribosomal S6 kinase 1;RPS6K1 alpha;rps6ka;Rps6ka1;RSK 1;RSK 1 p90;RSK;RSK-1;RSK1;S6K alpha 1;S6K-alpha-1.
Observed Band	90kD

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Cell Pathway	Nucleus. Cytoplasm.
Tissue Specificity	Colon,Epithelium,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,cofactor:Magnesium.,enzyme regulation:Activated by multiple phosphorylations on threonine and serine residues.,function:Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.,PTM:Autophosphorylated on Ser-380, as part of the activation process.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 2 protein kinase domains.,subunit:Forms a complex with either ERK1 or ERK2 in quiescent cells. Transiently dissociates following mitogenic s
Background	ribosomal protein S6 kinase A1(RPS6KA1) Homo sapiens This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical 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. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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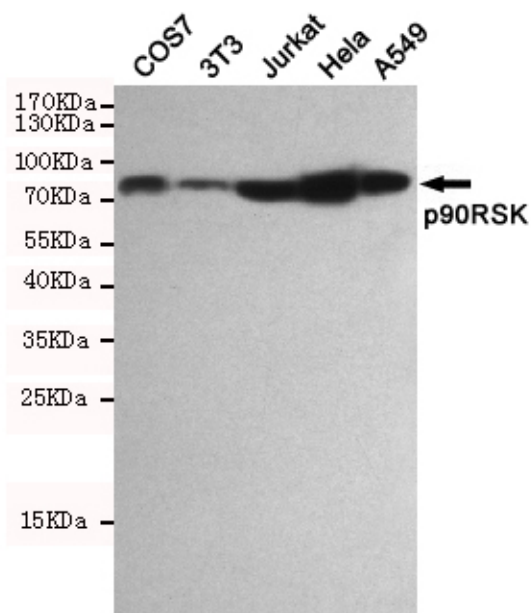
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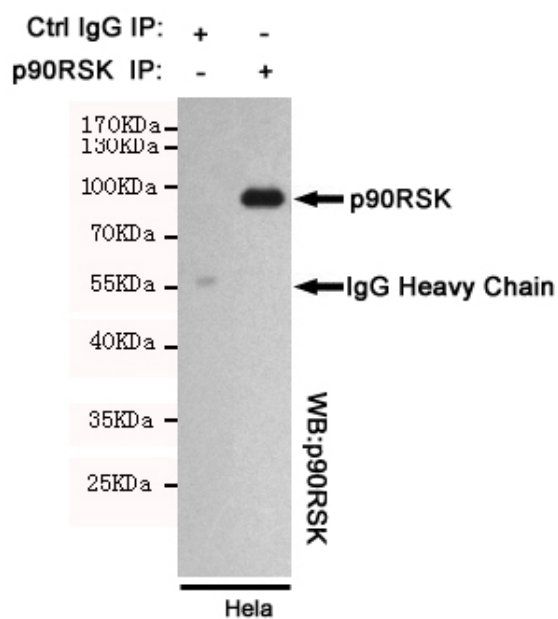
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Products Images



Western blot detection of p90RSK in COS7, 3T3, Jurkat, HeLa and A549 cell lysates using p90RSK mouse mAb (dilution 1:1000). Predicted band size: 90KDa. Observed band size: 90KDa.



Immunoprecipitation analysis of HeLa cell lysates using p90RSK mouse mAb.