

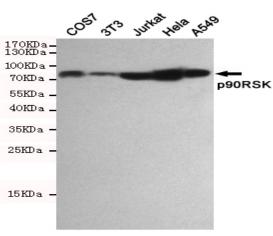
p90RSK mouse mAb

Catalog No :	YM1443
Reactivity :	Human;Mouse;Monkey
Applications :	WB;IP
Target :	Rsk-1
Fields :	>>MAPK signaling pathway;>>Oocyte meiosis;>>mTOR signaling pathway;>>Thermogenesis;>>Long-term potentiation;>>Neurotrophin signaling pathway;>>Progesterone-mediated oocyte maturation;>>Insulin resistance;>>Yersinia infection;>>Chemical carcinogenesis - receptor activation
Gene Name :	rps6ka1
Human Gene Id :	6195
Human Swiss Prot No :	Q15418
Mouse Swiss Prot No :	P18653
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
Dilution :	wb dilution 1:1000
Purification :	The antibody was affinity-purified from mouse ascites by affinity- chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)



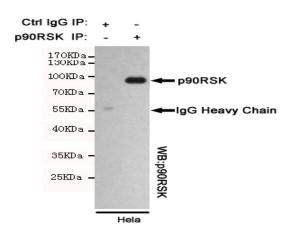
Best Tools for immunology Research **Observed Band :** 90kD MAPK ERK Growth; MAPK G Protein; Oocyte meiosis; mTOR; Long-term **Cell Pathway :** potentiation;Neurotrophin;Progesterone-mediated oocyte maturation; ribosomal protein S6 kinase A1(RPS6KA1) Homo sapiens This gene encodes a **Background :** 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], **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 guiescent cells. Transiently dissociates following mitogenic s Subcellular Nucleus. Cytoplasm. Location : Expression : Colon, Epithelium,

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.