

p90RSK Mouse mAb

CatalogNo: YM0564

| Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB,IHC,IF,ELISA

MW

- 83kD (Calculated)

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:200-1:1000

ELISA 1:10000

IF 1:50-200

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Monoclonal

| Immunogen Information

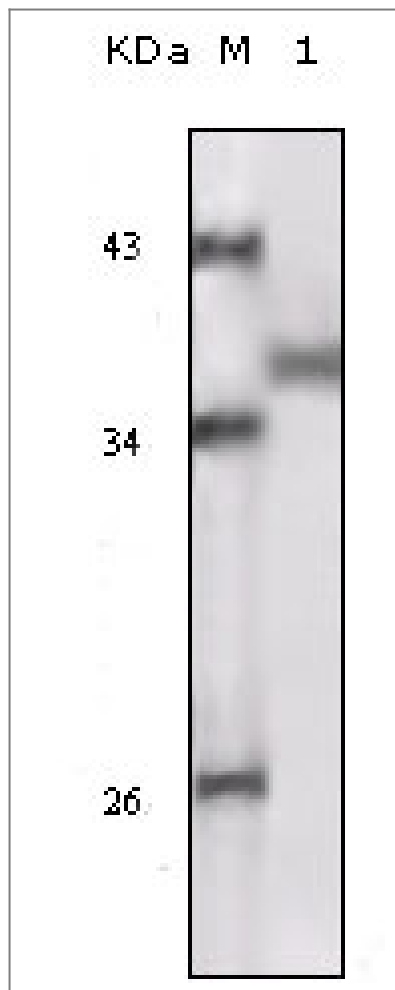
Immunogen Purified recombinant fragment of human Rsk-1 expressed in E. Coli.

Specificity Rsk-1 Monoclonal Antibody detects endogenous levels of Rsk-1 protein.

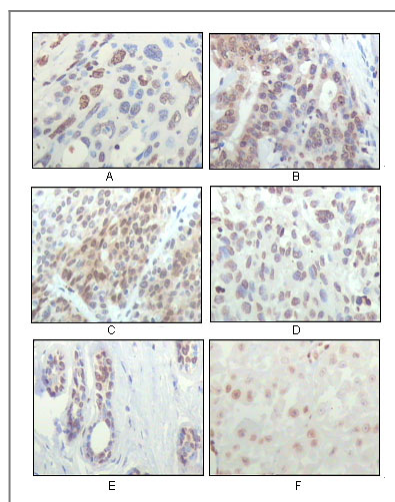
| Target Information

Gene name	RPS6KA1 MAPKAPK1A RSK1		
Protein Name	Ribosomal protein S6 kinase alpha-1		
	Organism	Gene ID	UniProt ID
	Human	6195 ;	Q15418 ;
Cellular Localization	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 stimulation.,		

| Validation Data



Western Blot analysis using Rsk-1 Monoclonal Antibody against truncated Rsk-1 recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human esophageal squamous cell carcinoma (A), colon adenocarcinoma (B), liver carcinoma (C), skin carcinoma (D), breast ductal tumor (E) and brain tumor (F), showing nuclear localization with DAB staining

Contact information

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