RSK3 (Phospho Thr353) mouse mAb

Catalog No	BYmab-14638
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RPS6KA2 MAPKAPK1C RSK3
Protein Name	RSK3 (Phospho Thr353)
Immunogen	Synthesized peptide derived from human RSK3 (Phospho Thr353)
Specificity	This antibody detects endogenous levels of Human,Mouse RSK3 (Phospho Thr353)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Ribosomal protein S6 kinase alpha-2 (S6K-alpha-2;EC 2.7.11.1;90 kDa ribosomal protein S6 kinase 2;p90-RSK 2;p90RSK2;MAP kinase-activated protein kinase 1c;MAPK-activated protein kinase 1c;MAPKAP kinase 1c;MAPKAPK-1c;Ribosomal S6 kinase 3;RSK-3;pp90RSK3)
Observed Band	80kD
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Widely expressed with higher expression in lung, skeletal muscle, brain, uterus, ovary, thyroid and prostate.
Function	protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, intracellular signaling cascade, protein kinase cascade, phosphorylation,
Background	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,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-377, 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.,tissue specificity:Expressed in many tissues. Highest expression in lung and skeletal muscle.,
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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