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Anti-p90RSK (phospho Thr359/Ser363) Rabbit mAb [14E50]

Catalog No.: A52295

Basic Information

Catalog No. (Cat.No.)	A52295
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	p90RSK (phospho Thr359/Ser363),p-p90RSK(Thr359/Ser363),p90RSK,RSK1,Ribosomal protein S6 kinase A1

Product Information

Target	p90RSK (phospho Thr359/Ser363)
Molecular Weight(Calculated)	83 kDa
Molecular Weight(Observed)	83 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	14E50
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:500-1:2000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	p90RSK (phospho Thr359/Ser363)
Gene Name	*RPS6KA1*
Domain	NA
Background	RPS6KA1 (p90RSK, 90 kDa ribosomal S6 kinase) is RSK serine-threonine kinase family acting downstream of ERK to transduce proliferative and pro-survival signals. Thr359/Ser363 resides within C-terminal kinase domain of p90RSK. ERK-dependent dual-site phosphorylation at these residues is critical for full-length p90RSK activation, which subsequently activates N-terminal kinase domain to phosphorylate diverse cytoplasmic and nuclear substrates governing transcription, cell-cycle progression and anti-apoptosis. It responds to growth-factor and MAPK inputs; hyper-activation contributes to oncogenic proliferation.