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Anti-MSK1 (phospho Ser360) Rabbit mAb [79H17]

Catalog No.: A52222

Basic Information

Catalog No. (Cat.No.)	A52222
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IP,IF,ELISA
Synonyms	MSK1 (phospho Ser360),p-MSK1(Ser360)

Product Information

Target	MSK1 (phospho Ser360)
Molecular Weight(Calculated)	90 kDa
Molecular Weight(Observed)	90 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	79H17
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	1:1000-1:5000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	MSK1 (phospho Ser360)
Gene Name	*RPS6KA5*
Domain	NA
Background	MSK1 (Phospho Ser360) (Mitogen- and stress-activated kinase 1, Ser360 phosphorylated form) belongs to RSK/MSK nuclear-kinase family. Ser360 phosphorylation is a regulatory post-translational modification of MSK1. Triggered by upstream ERK/p38 MAPK signaling, Ser360 phosphorylation facilitates full MSK1 activation. Active MSK1 translocates into nucleus and phosphorylates histone substrates and CREB to drive stress- and inflammation-associated gene transcription. Phospho-MSK1 (Ser360) serves as a specific readout for MSK1-pathway activation.