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Anti-STAT5 (phospho Tyr694) Rabbit mAb [54G18]

Catalog No.: A52323

Basic Information

Catalog No. (Cat.No.)	A52323
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	STAT5 (phospho Tyr694),p-STAT5(Tyr694),STAT5A,STAT5,Signal transducer and activator of transcription 5A,STAT5B,Signal transducer and activator of transcription 5B

Product Information

Target	STAT5 (phospho Tyr694)
Molecular Weight(Calculated)	91 kDa
Molecular Weight(Observed)	105 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	54G18
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	1:100-1:500
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	STAT5 (phospho Tyr694)
Gene Name	*STAT5A*, *STAT5B*
Domain	NA
Background	STAT5 Tyr694 represents conserved JAK-phosphorylation site on STAT5A/STAT5B and serves as STAT5-pathway activation marker. Stimulated by cytokines, growth hormone or prolactin, JAK kinases catalyse tyrosine-phosphorylation at STAT5A-Tyr694 and orthologous STAT5B-Tyr699, triggering STAT5 dimerization, nuclear translocation and downstream-gene transcription to regulate haematopoiesis, immunity and mammary-cell proliferation-differentiation.