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Anti-STAT5B Rabbit mAb [72A67]

Catalog No.: A52325

Basic Information

Catalog No. (Cat.No.)	A52325
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	STAT5B,Signal transducer and activator of transcription 5B

Product Information

Target	STAT5B
Molecular Weight(Calculated)	90 kDa
Molecular Weight(Observed)	90 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	72A67
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	1:1000-1:5000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Signal transducer and activator of transcription-5B
Gene Name	*STAT5B*
Domain	NA
Background	STAT5B (Signal transducer and activator of transcription 5B) is JAK-STAT-family transcription factor predominantly transducing growth-hormone signals to govern somatic growth and hepatic metabolism. Activated by growth hormone and selected cytokines, JAK-dependent tyrosine phosphorylation drives STAT5B dimerization and nuclear translocation to regulate growth-hormone-responsive genes. Functionally distinct from STAT5A, STAT5B acts as critical component of GH-IGF-1 axis; STAT5B deficiency leads to growth retardation. Aberrant STAT5B activation contributes to haematological-tumour progression.