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Anti-STAT6 Rabbit mAb [56C20]

Catalog No.: A52326

Basic Information

Catalog No. (Cat.No.)	A52326
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	STAT6,STAT6,Signal transducer and activator of transcription 6,IL-4 Stat

Product Information

Target	STAT6
Molecular Weight(Calculated)	94 kDa
Molecular Weight(Observed)	110 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	56C20
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	1:500-1:1000
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-6
Gene Name	*STAT6*
Domain	NA
Background	STAT6 (Signal transducer and activator of transcription 6) is JAK-STAT-family transcription factor transducing IL-4 / IL-13 signals and orchestrating Th2-type immune responses. Upon IL-4 / IL-13 stimulation, JAK-mediated STAT6 phosphorylation induces dimerization and nuclear translocation to drive transcription of genes controlling Th2-cell differentiation, IgE class-switch recombination, M2-macrophage polarization and airway inflammation. STAT6 represents central signalling node for allergy and asthma. STAT6-deficiency markedly dampens Th2-driven inflammatory pathology.