Ablumir
Built Around Immunology

Anti-STAT5A/B Rabbit mAb [14E04]

Catalog No.: A52324

Basic Information

Catalog No. (Cat.No.)	A52324
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	STAT5A/B,STAT5A,STAT5,Signal transducer and activator of transcription 5A,STAT5B,Signal transducer and activator of transcription 5B

Product Information

Target	STAT5A/B
Molecular Weight(Calculated)	91 kDa
Molecular Weight(Observed)	100 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	14E04
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

Ablumir
Built Around Immunology

Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:2000-1:8000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	STAT-5A and STAT-5B
Gene Name	*STAT5A*, *STAT5B*
Domain	NA
Background	STAT5A/B denotes two highly-homologous JAK-STAT-family paralogs. This pan-STAT5 antibody detects total protein of both STAT5A and STAT5B isoforms. STAT5A/B transduce cytokine, growth-hormone and prolactin signals, participating in haematopoietic-cell differentiation, immune responses and mammary-gland development. They exhibit substantial functional redundancy alongside isoform-specific physiological roles. Constitutive STAT5 activation drives leukaemia, lymphoma and other haematological neoplasms.