Ablumir
Built Around Immunology

Anti-SP1 Rabbit mAb [96A09]

Catalog No.: A52315

Basic Information

Catalog No. (Cat.No.)	A52315
Host species	Rabbit
Reactivity	Human
Applications	WB,IHC,IP,IF,ELISA
Synonyms	SP1,SP-1,E4F,GC box binding factor

Product Information

Target	SP1
Molecular Weight(Calculated)	100 kDa
Molecular Weight(Observed)	100 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	96A09
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	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Sp1 transcription factor
Gene Name	*SP1*
Domain	NA
Background	SP1 (Sp1 transcription factor) belongs to Sp/KLF zinc-finger transcription-factor family that recognizes GC-box cis-elements and governs transcription of numerous house-keeping and proliferation-associated genes. Predominantly nuclear-localized, SP1 binds GC-rich promoter sequences and modulates genes involved in cell-cycle progression, apoptosis, metabolism and angiogenesis, participating in cell-growth control and stress responses. SP1 function is fine-tuned by post-translational modifications and protein abundance. SP1 is frequently overexpressed in tumours, driving oncogenic-gene transcription and correlating with poor clinical prognosis.