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Anti-c-Jun Rabbit mAb [19A48]

Catalog No.: A52079

Basic Information

Catalog No. (Cat.No.)	A52079
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	c-Jun,p39,v-jun sarcoma virus oncogene homolog

Product Information

Target	c-Jun
Molecular Weight(Calculated)	36 kDa
Molecular Weight(Observed)	43 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	19A48
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	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Jun proto-oncogene, AP-1 transcription factor subunit
Gene Name	*JUN*
Domain	NA
Background	c-Jun (Proto-oncogene protein c-Jun) belongs to AP-1 transcription-factor family and mediates transcriptional control over cell proliferation, apoptosis and stress responses. c-Jun heterodimerizes with c-Fos to assemble AP-1 complex, which recognizes AP-1 cis-elements on gene promoters and governs transcription of broad downstream targets. Mitogens, cytokines and oxidative stress induce c-Jun up-regulation to modulate cell proliferation, migration, differentiation and apoptosis. Constitutive c-Jun activation drives oncogenesis, invasion and metastasis and mediates tumor-microenvironment signaling. As a major downstream effector of MAPK cascades, c-Jun is widely investigated in tumor, inflammation and cellular-stress-pathway researches.