Ablumir
Built Around Immunology

Anti-JNK1/2/3 Rabbit mAb [38B61]

Catalog No.: A52198

Basic Information

Catalog No. (Cat.No.)	A52198
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IP,IF,ELISA
Synonyms	JNK1/2/3,JNK1/JNK2/JNK3,SAPK1/SAPK2/SAPK3

Product Information

Target	JNK1/2/3
Molecular Weight(Calculated)	48 kDa,53 kDa
Molecular Weight(Observed)	48 kDa,53 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	38B61
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
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	c-Jun N-terminal kinase 1/2/3
Gene Name	*MAPK8*, *MAPK9*, *MAPK10*
Domain	NA
Background	JNK1/2/3 (c-Jun N-terminal kinase 1/2/3) are serine-threonine kinases belonging to MAPK (mitogen-activated protein kinase) family. They transduce stress signals: upon stimulation by cytokines, oxidative stress or DNA damage, JNKs become phosphorylated and activated, translocate to nucleus and phosphorylate transcription factors such as c-Jun to reprogram gene expression. JNK signaling modulates apoptosis, proliferation and inflammation. Isoforms show tissue preference; JNK3 is highly enriched in nervous system. Excessive JNK activation contributes to neurodegeneration, inflammation and cancer.