

## Phospho-c-Jun(S63) Rabbit mAb

Catalog No: #13361

Package Size: #13361-1 50ul #13361-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

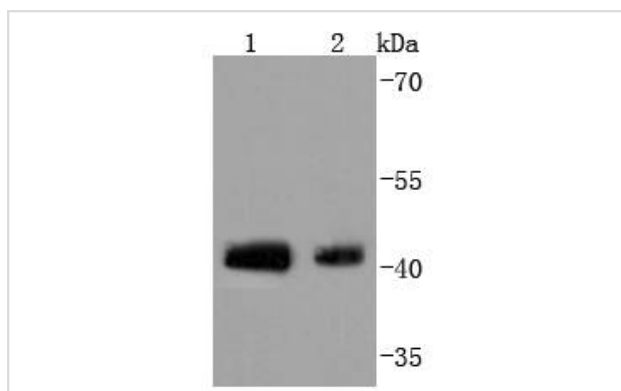
## Description

Product Name	Phospho-c-Jun(S63) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SY0297
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser63 of human c-Jun.
Other Names	Activator protein 1 antibody AP 1 antibody AP1 antibody cJun antibody Enhancer Binding Protein AP1 antibody Jun Activation Domain Binding Protein antibody JUN antibody Jun oncogene antibody JUN protein antibody Jun proto oncogene antibody JUN_HUMAN antibody JUNC antibody Oncogene JUN antibody p39 antibody Proto oncogene c jun antibody Proto oncogene cJun antibody Proto-oncogene c-jun antibody Transcription Factor AP 1 antibody Transcription factor AP-1 antibody Transcription Factor AP1 antibody V jun avian sarcoma virus 17 oncogene homolog antibody V jun sarcoma virus 17 oncogene homolog (avian) antibody V jun sarcoma virus 17 oncogene homolog antibody V-jun avian sarcoma virus 17 oncogene homolog antibody vJun Avian Sarcoma Virus 17 Oncogene Homolog antibody
Accession No.	Swiss-Prot#:P05412
Uniprot	P05412
GeneID	3725;
Calculated MW	40 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:100ICC: 1:50-1:200

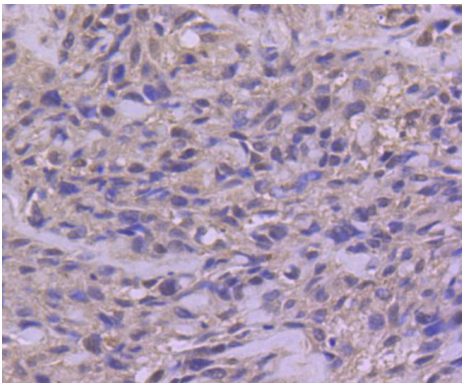
## Images



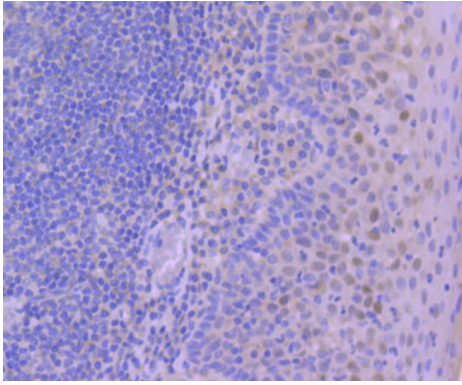
Western blot analysis of Phospho-c-Jun(S63) on different lysates using anti-Phospho-c-Jun(S63) antibody at 1/1,000 dilution. Positive control:

Lane 1: NIH/3T3

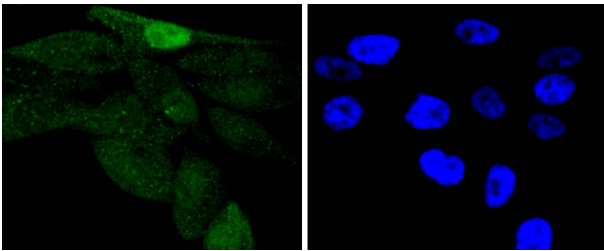
Lane 2: 293T



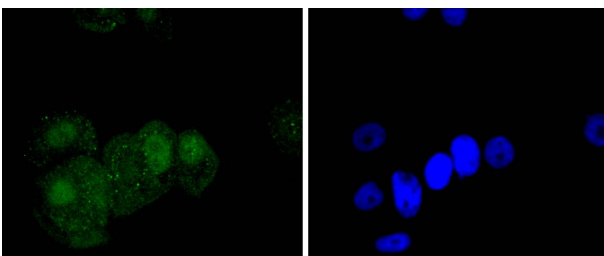
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-c-Jun(S63) antibody. Counter stained with hematoxylin.



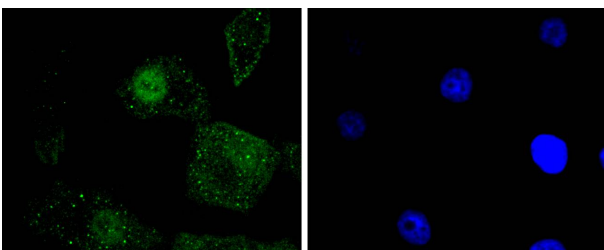
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Phospho-c-Jun(S63) antibody. Counter stained with hematoxylin.



ICC staining Phospho-c-Jun(S63) in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Phospho-c-Jun(S63) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Phospho-c-Jun(S63) in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

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Genes belonging to the Jun and Fos oncogene families encode nuclear proteins that are associated with a number of transcriptional complexes. The c-Jun protein is a major component of the transcription factor AP-1, originally shown to mediate phorbol ester tumor promoter (TPA)-induced expression of responsive genes through the TPA-response element (TRE). The Jun proteins form homo- and heterodimers which bind the TRE, while Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. Ha-Ras augments c-Jun activity and stimulates phosphorylation of its activation domain. An inhibitor of Fos/Jun function, termed IP-1, associates with Fos and Jun and is inactivated upon phosphorylation induced by the cAMP-dependent protein kinase A (PKA).

## References

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Note: This product is for in vitro research use only