

Product Name: c-Jun Mouse Monoclonal Antibody
Catalog #: AMM81019



Summary

Production Name	c-Jun Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human,Mouse,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	c-Jun
Alternative Names	AP1; AP-1; c-Jun; Jun
Gene ID	3725.0
SwissProt ID	P05412.Purified recombinant fragment of human c-Jun expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	43kDa

Background

This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the

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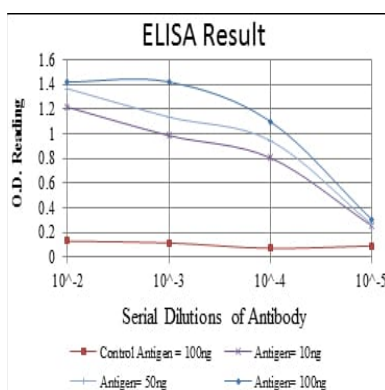


viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.

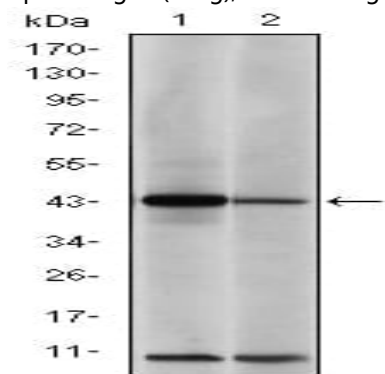
Research Area

TGF-beta signaling pathway, MAPK signaling pathway

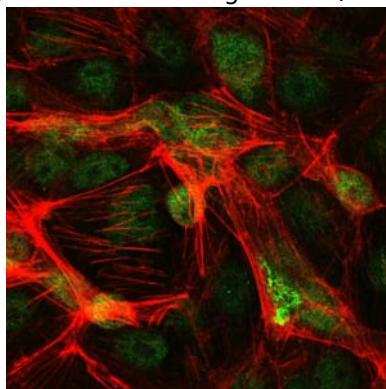
Image Data



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Western blot analysis using c-Jun mouse mAb against NIH/3T3 (1) and Cos7 (2) cell lysate.

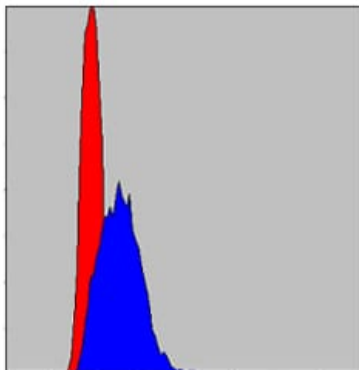


Immunofluorescence analysis of PC-2 cells using c-Jun mouse mAb (green). Red: Actin filaments have been labeled with

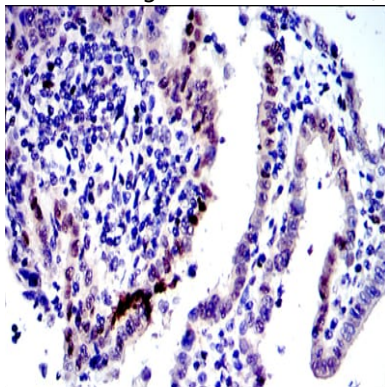
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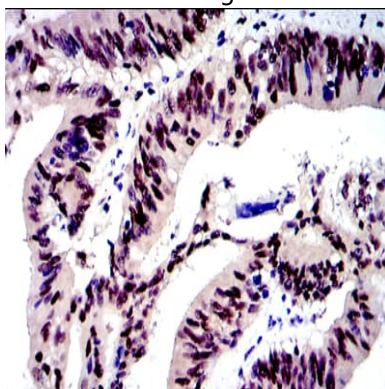
Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HepG2 cells using c-Jun mouse mAb (blue) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human intima cancer tissues using c-Jun mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using c-Jun mouse mAb with DAB staining.

Note

For research use only.