



## c-JUN mouse mAb

<b>Catalog No</b>	YP-Ab-01086
<b>Isotype</b>	IgG
<b>Reactivity</b>	0
<b>Applications</b>	WB
<b>Gene Name</b>	jun
<b>Protein Name</b>	Transcription factor AP-1;jun;c-jun; AP-1
<b>Immunogen</b>	Purified recombinant human c-JUN protein fragments expressed in E.coli.
<b>Specificity</b>	Transfected
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Activator Protein 1;AP 1;AP1;cJun;Enhancer Binding Protein AP1;Jun Activation Domain Binding Protein;JUN;Jun oncogene;JUN protein;Jun proto oncogene;JUN_HUMAN;JUNC;Oncogene JUN;p39;Proto oncogene c jun;Proto oncogene cJun;Proto-oncogene c-jun;Transcription Factor AP 1;Transcription factor AP-1;Transcription Factor AP1;V jun avian sarcoma virus 17 oncogene homolog;V jun sarcoma virus 17 oncogene homolog (avian);V jun sarcoma virus 17 oncogene homolog;V-jun avian sarcoma virus 17 oncogene homolog;vJun Avian Sarcoma Virus 17 Oncogene Homolog.
<b>Observed Band</b>	39-42kD
<b>Cell Pathway</b>	Nucleus.
<b>Tissue Specificity</b>	Expressed in the developing and adult prostate and prostate cancer cells.
<b>Function</b>	function:Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. ,PTM:Phosphorylation enhances the transcriptional activity. Phosphorylated by PRKDC. ,similarity:Belongs to the bZIP family. ,similarity:Belongs to the bZIP family. Jun subfamily. ,similarity:Contains 1 bZIP domain. ,subunit:Heterodimer with either FOS or BATF3. Interacts with HIVEP3 (By similarity). Interacts with SMAD3/SMAD4 heterodimers. Interacts



with MYBBP1A, SPIB and TCF20. Interacts with COPS5; indirectly leading to its phosphorylation. Interacts with DSIPI; this interaction inhibits the binding of active AP1 to its target DNA.,

**Background**

This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the 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. [provided by RefSeq, Jul 2008],

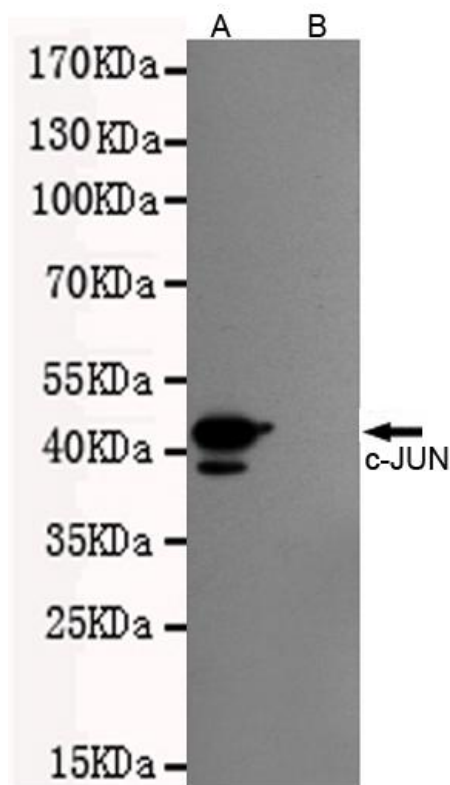
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot detection of c-JUN in CHO-K1 transfected by PEGFP-C1-c-JUN(A) and CHO-K1 cell lysate(B) cell lysate using c-JUN mouse mAb (1:1000 diluted). Predicted band size: 43/48KDa. Observed band size: 43/48KDa.