



## AP-1/Jun D (phospho Ser73/100) Monoclonal Antibody

jun-D Observed Band 39-42kD Cell Pathway Nucleus. Tissue Specificity Expressed in the developing and adult prostate and prostate cancer cells.		
Reactivity  Applications  WB  Gene Name  JUN/JUND  Protein Name  Transcription factor AP-1;jun;c-jun; AP-1; Transcription factor jun-D  Immunogen  The antiserum was produced against synthesized peptide derived from human c-Jun around the phosphorylation site of Ser73. AA range:40-89  Specificity  Phospho-AP-1 (S73) Monoclonal Antibody detects endogenous levels of AP-1 protein only when phosphorylated at S73.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Monoclonal, Mouse, IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  Purity  290%  Storage Stability  -20°C/1 year  JUN; Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39; JUND; Transcription factor jun-D  Observed Band  39-42kD  Cell Pathway  Nucleus.  Tissue Specificity  Expressed in the developing and adult prostate and prostate cancer cells.  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. 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	Catalog No	BYmab-01221
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Gene Name         JUN/JUND           Protein Name         Transcription factor AP-1;jun;c-jun; AP-1; Transcription factor jun-D           Immunogen         The antiserum was produced against synthesized peptide derived from human c-Jun around the phosphorylation site of Ser73. AA range;40-89           Specificity         Phospho-AP-1 (S73) Monoclonal Antibody detects endogenous levels of AP-1 protein only when phosphorylated at S73.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         JUN; Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39; JUND; Transcription factor jun-D           Observed Band         39-42kD           Cell Pathway         Nucleus.           Tissue Specificity         Expressed in the developing and adult prostate and prostate cancer cells.           Function         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 PR	Reactivity	Human;Mouse;Rat
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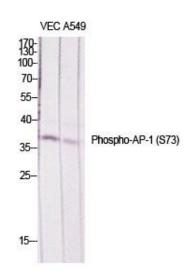






	phosphorylation. Interacts with DSIPI; this interaction inhibits the binding of active AP1 to its target DNA.,
Background	This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific 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 analysis of various cells using AP-1/Jun D (phospho Ser73/100) Monoclonal Antibody

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