



C-Jun (Hydroxylated-p244) mouse mAb

Catalog No	BYmab-02272
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	JUN
Protein Name	C-Jun (Hydroxylated-p244); Transcription factor AP-1;jun;c-jun; AP-1
Immunogen	Synthesized peptide derived from human C-Jun (Hydroxylated-p244)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat C-Jun (Hydroxylated-p244)
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	Transcription factor AP-1 (Activator protein 1;AP1;Proto-oncogene c-Jun;V-jun avian sarcoma virus 17 oncogene homolog;p39)
Observed Band	39-42kD
Cell Pathway	Nucleus.
Tissue Specificity	Expressed in the developing and adult prostate and prostate cancer cells.
Function	protein import into nucleus, translocation, response to reactive oxygen species, angiogenesis, blood vessel development, release of cytochrome c from mitochondria, regulation of protein amino acid phosphorylation, negative regulation of protein amino acid phosphorylation, vasculature development, response to molecule of bacterial origin,regulation of myeloid leukocyte differentiation, positive regulation of myeloid leukocyte differentiation, regulation of DNA replication, transcription, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, protein targeting, protein import into nucleus, cellular ion homeostasis, intracellular protein transport, nucleocytoplasmic transport, apoptosis, response to oxidative stress, mitochondrion

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organization, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway

Background

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.,

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

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