

# Phospho-c-Jun (Ser73)+JunD (Ser100) Rabbit mAb

Catalog # AP78917

## Product Information

<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">P05412</a> , <a href="#">P17535</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Phospho-c-Jun (S73)+JunD (S100)
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	35676

## Additional Information

<b>Gene ID</b>	3725
<b>Other Names</b>	JUN/JUND
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

<b>Name</b>	JUN
<b>Function</b>	Transcription factor that recognizes and binds to the AP-1 consensus motif 5'-TGA[GC]TCA-3' (PubMed: <a href="#">10995748</a> , PubMed: <a href="#">22083952</a> ). Heterodimerizes with proteins of the FOS family to form an AP-1 transcription complex, thereby enhancing its DNA binding activity to the AP-1 consensus sequence 5'-TGA[GC]TCA-3' and enhancing its transcriptional activity (By similarity). Together with FOSB, plays a role in activation-induced cell death of T cells by binding to the AP-1 promoter site of FASLG/CD95L, and inducing its transcription in response to activation of the TCR/CD3 signaling pathway (PubMed: <a href="#">12618758</a> ). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed: <a href="#">17210646</a> ). Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed: <a href="#">24623306</a> ). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed: <a href="#">24623306</a> ).

**Cellular Location**

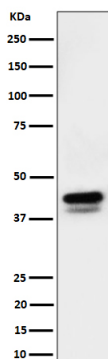
Nucleus.

**Tissue Location**

Expressed in the developing and adult prostate and prostate cancer cells.

**Images**

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