Anti-Phospho-Jun/JunD (Ser73/Ser100) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R010659

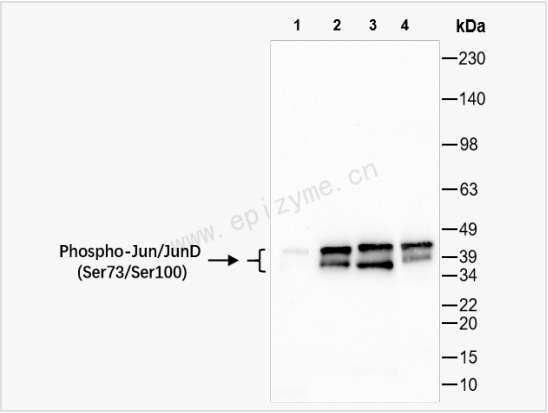
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	40K64M01
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser73 of human Jun
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Jun/JunD (Ser73/Ser100) Rabbit mAb [40K64M01] is for research use only and not for use in diagnostic or therapeutic procedures.

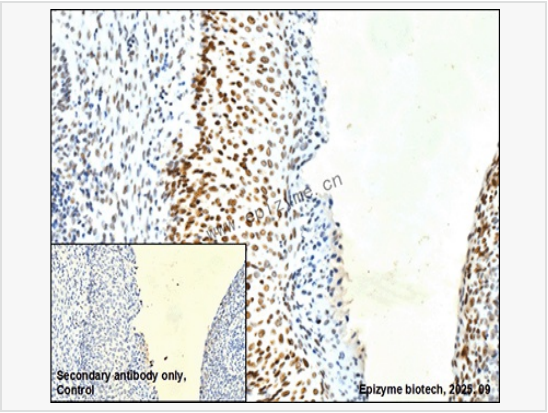
Protein Information

Synonyms	Transcription factor AP-1; Jun oncogene; JUN; AP 1; AP1; AP-1; Enhancer Binding Protein AP1; Jun Activation Domain Binding Protein; JUN protein; JUNC; p39; Proto oncogene cJun; Transcription Factor AP1; V jun avian sarcoma virus 17 oncogene homolog; vJun Avian Sarcoma Virus 17 Oncogene Homolog; JUN_HUMAN; Activator 1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog;Transcription factor jun-D; jun D proto-oncogene; JUND1; AP-1; JUND; JUND1; MGC6245; MGC72300; AP 1; AP1; jun D proto oncogene; JunD FL isoform; JUND_HUMAN; Transcription factor jun D; transcription factor jun-D isoform JunD-FL; Jun-like transcription factor; pfam03957.
Calculated MW	Calculated MW: 35,36 kDa; Observed MW: 38,42 kDa
Uniprot ID	P05412,P17535
Gene ID	3725, 3727
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]
Cellular Location	Nucleus
Tissue Location	Expressed in the developing and adult prostate and prostate cancer cells.

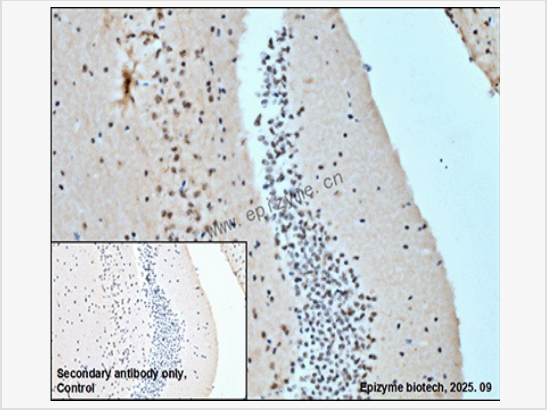
Validation Images



Western Blot - Anti-Phospho-Jun/JunD (Ser73/Ser100) Rabbit mAb [40K64M01]
All lanes: R010659 at 1:1,000 dilution
Lane 1: 293T (Human embryonic kidney cell) whole cell lysates
Lane 2: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 3: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 4: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 35,36 kDa
Observed band size: 38,42 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Phospho-Jun/JunD (Ser73/Ser100) Rabbit mAb [40K64M01]
Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R010955 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Phospho-Jun/JunD (Ser73/Ser100) Rabbit mAb [40K64M01]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse brain tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R010955 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.