

## Anti-c-Jun Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

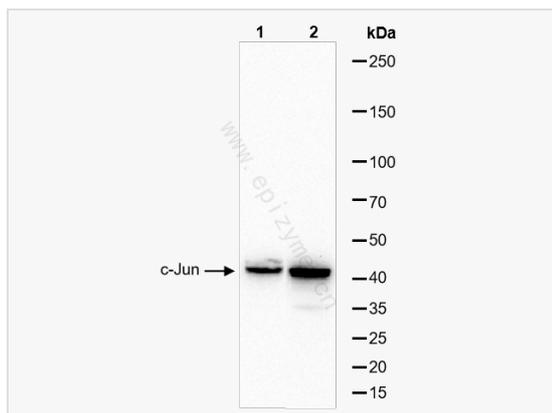
Catalog # R013915

### Product Information

Application	ELISA, IF (Cell)/ICC, WB, IHC-P/IF (Tissue-P)
Reactivity	Rat, Human, Mouse
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.	84B67L57
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human c-Jun
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% 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-c-Jun Rabbit mAb [84B67L57] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Activator protein 1, AP 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.
Calculated MW	Calculated MW: 36 kDa; Observed MW: 43 kDa
Uniprot ID	P05412
Gene ID	3725
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.



Western Blot - Anti-c-Jun Rabbit mAb [84B67L57]

All lanes: R013915 at 1:1,000 dilution

Lane 1: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 2: T24 (Human bladder cancer epithelial cell) whole cell lysates

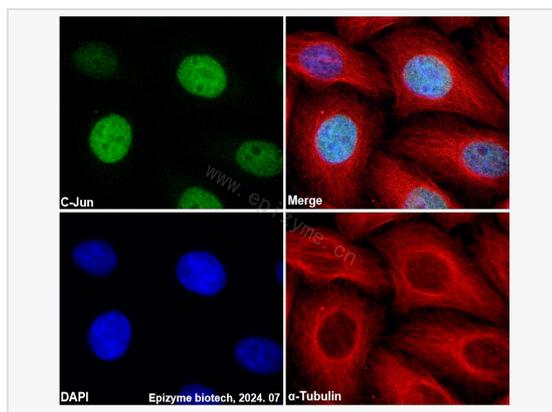
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 36 kDa

Observed band size: 43 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-c-Jun Rabbit mAb [84B67L57]

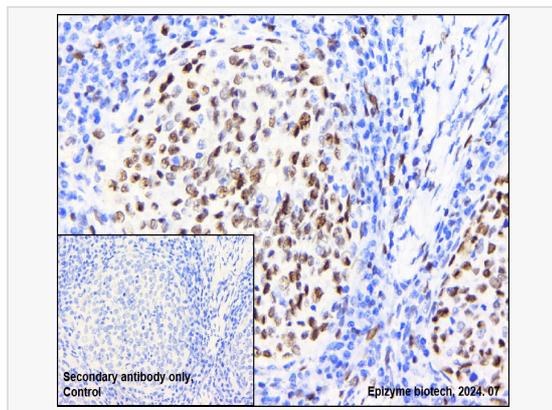
Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R013915 at 1:100 dilution and  $\alpha$ -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).



Immunohistochemistry - Anti-c-Jun Rabbit mAb [84B67L57]

Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

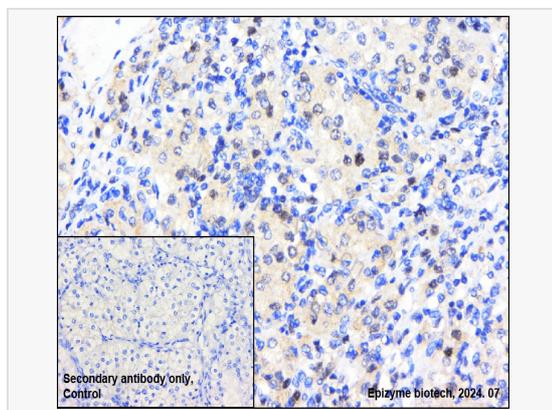
Primary antibody: R013915 at 1:200 dilution

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-c-Jun Rabbit mAb [84B67L57]

Sample: Paraformaldehyde-fixed, paraffin embedded human renal carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

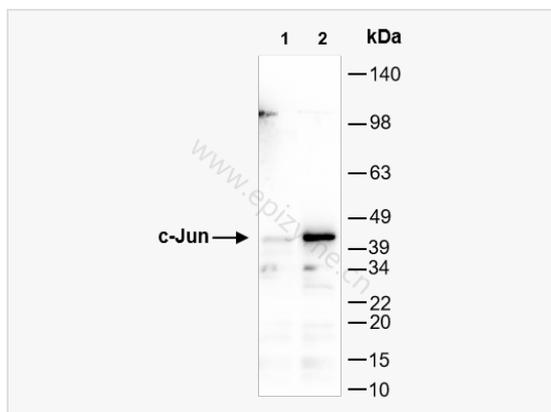
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Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Western Blot -Anti-c-Jun Rabbit mAb [84B67L57]

All lanes: R013915 at 1:1,000 dilution

Lane 1: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 2: PC-12(Rat adrenal pheochromocytoma epithelial cell)whole cell lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 36 kDa

Observed band size: 43 kDa

Developed using the ECL technique (Cat. No. SQ201).