Product datasheet

Anti-c-Jun/JUN Antibody

Catalog Number: ***A02038-3***

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-c-Jun/JUN Antibody
Gene Name	JUN
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IHC, ICC/IF, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human c-Jun/JUN recombinant protein (Position: K35-F331).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	36-48 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 Flow Cytometry (Fixed): 1:50-200 Enzyme linked immunosorbent assay (ELISA): 1:100-1000 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

c-Jun is a protein that in humans is encoded by the JUN gene. 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.

Reference

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Anti-c-Jun/JUN Antibody被引用在5文献中。

Selected Validation Data

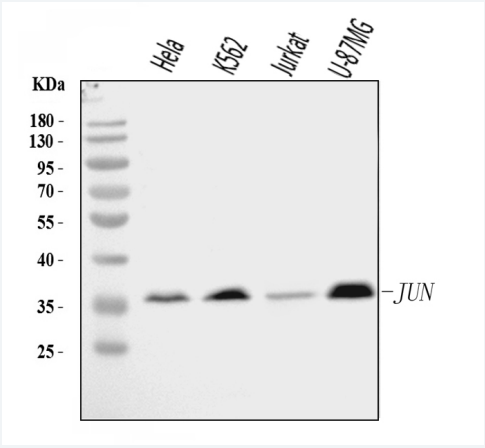

Figure 1. Western blot analysis of anti- JUN Antibody (A02038-3). The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: HELA whole cell lysates,
Lane 2: K562 whole cell lysates,
Lane 3: Jurkat whole cell lysates,
Lane 4: U-87MG whole cell lysates.
Use rabbit anti-JUN 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002). A specific band was detected for JUN at approximately 36KD. The expected band size for JUN is at 36KD.

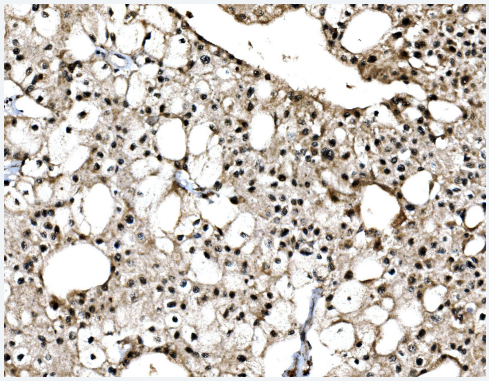

Figure 2. IHC analysis of JUN Antibody (A02038-3). was detected in paraffin-embedded section of human renal cell carcinoma tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody . The tissue section was developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB as the chromogen.

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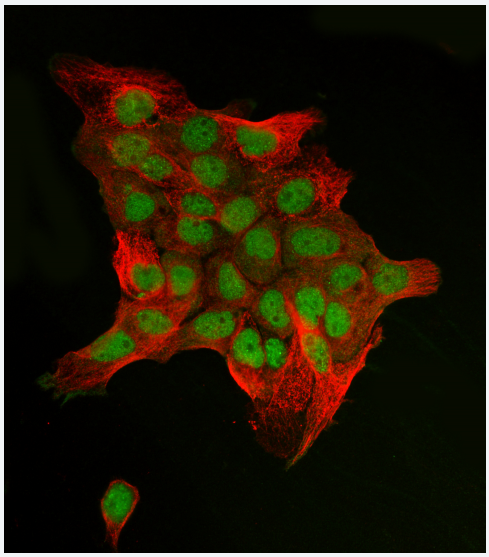

Figure 4. ICC analysis using Anti-JUN Antibody (A02038-3) and anti-TUBB antibody (M01857-3). was detected in immersion fixed A431 cell line. Cells were stained using theDylight488-conjugated Anti-rabbit IgG Secondary Antibody (green)(Catalog # BA1127), Cells were stained using the Dylight594-conjugated Anti-mouse IgG Secondary Antibody (red)(Catalog # BA1141) .

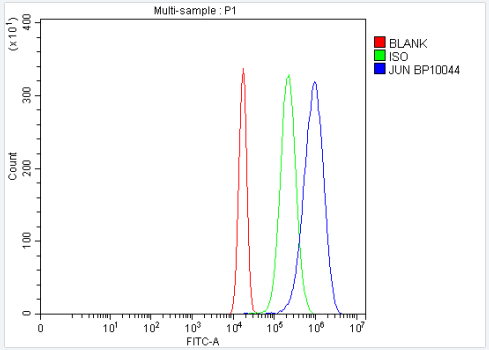

Figure 5. Flow Cytometry analysis of U2OS cells using anti-c-Jun/JUN antibody (A02038-3).
Overlay histogram showing U2OS cells stained with A02038-3 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-c-Jun/JUN Antibody (A02038-3) at 1:100 dilution for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (BA1127) was used as secondary antibody at 1:100 dilution for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG at 1:100 dilution used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.