Product datasheet

Anti-c-Jun/JUN Antibody (Clone#CAO-10)

Catalog Number: *BM4168*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd and 4th floors, Optics Valley Biomedical Accelerator, Wuhan East Lake High-tech Development Zone
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Basic Information

Product Name	Anti-c-Jun/JUN Antibody (Clone#CAO-10)
Gene Name	JUN
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, IP
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human c-Jun
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	36-48 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 ImmunoPrecipitation (IP): 1:20

Storage

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

Background Information

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

Anti-c-Jun/JUN Antibody (Clone#CAO-10)被引用在8文献中。

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Selected Validation Data

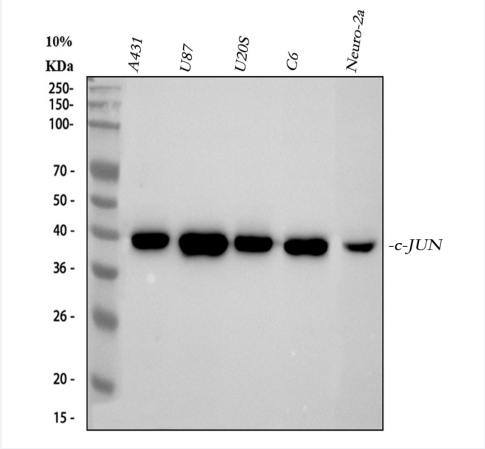

Figure 1. Western blot analysis of anti-c-Jun/JUN antibody (BM4168). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human A431 whole cell lysates,
Lane 2: human U87 whole cell lysates,
Lane 3: human U2OS whole cell lysates,
Lane 4: rat C6 whole cell lysates,
Lane 5: mouse Neuro-2a whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-c-Jun/JUN antigen affinity purified monoclonal antibody (BM4168) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for c-Jun/JUN at approximately 43 kDa. The expected band size for c-Jun/JUN is at 36 kDa.

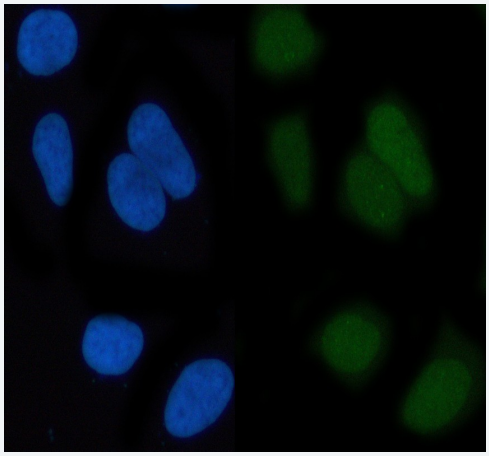

Figure 2. IF analysis of c-Jun/JUN using anti-c-Jun/JUN antibody (BM4168).
c-Jun/JUN was detected in an immunocytochemical section of Hela cells. The section was incubated with rabbit anti-c-Jun/JUN Antibody (BM4168) at a dilution of 1:100. DyLight®488 Conjugated Goat Anti-Rabbit IgG (Green) (Catalog # BA1127) was used as secondary antibody. The section was counterstained with DAPI (Catalog # AR1176) (Blue).