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
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 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	36KD
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 Flow cytometry (FCM): 1-3μg/1x10^6 cells (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.

Selected Validation Data

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE

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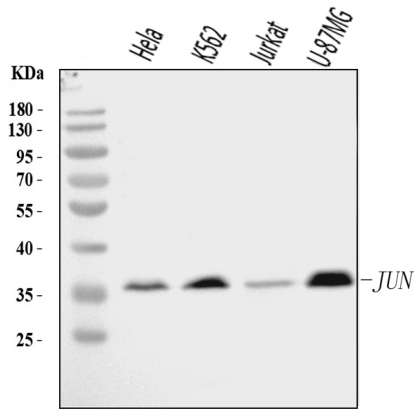

Figure 1. Western blot analysis of anti- JUN Antibody (A02038-3). The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: HELA whole cell lysates,
Lane 2: K562 whole cell lysates,
Lane 3: Jurkat whole cell lysates,
Lane 4: U-87MG whole cell lysates.
Use rabbit anti-JUN 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.

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