

## Datasheet for ABIN6939837 **anti-C-JUN antibody**

### 3 Images



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### Overview

Quantity:	100 µg
Target:	C-JUN (JUN)
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This C-JUN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)

### Product Details

Immunogen:	c-Jun protein phosphorylated at T91 and T93
Clone:	C-J 4C4-1
Isotype:	IgG1 kappa

### Target Details

Target:	C-JUN (JUN)
Alternative Name:	JUN ( <a href="#">JUN Products</a> )
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.

## Target Details

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Molecular Weight:	39kDa
Gene ID:	3725
UniProt:	<a href="#">P05412</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">WNT Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Autophagy</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">BCR Signaling</a> , <a href="#">S100 Proteins</a>

## Application Details

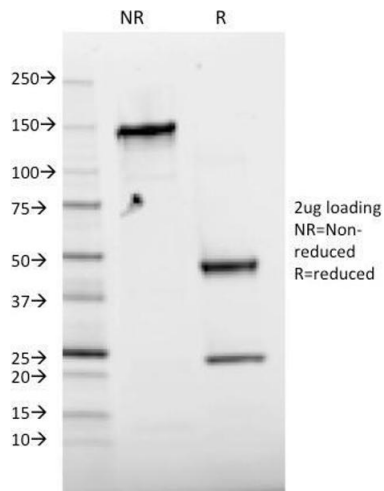
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Application Notes:	Positive Control: HEK293, HeLA or A-431 cells, Human normal lung or bladder tissue. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

## Handling

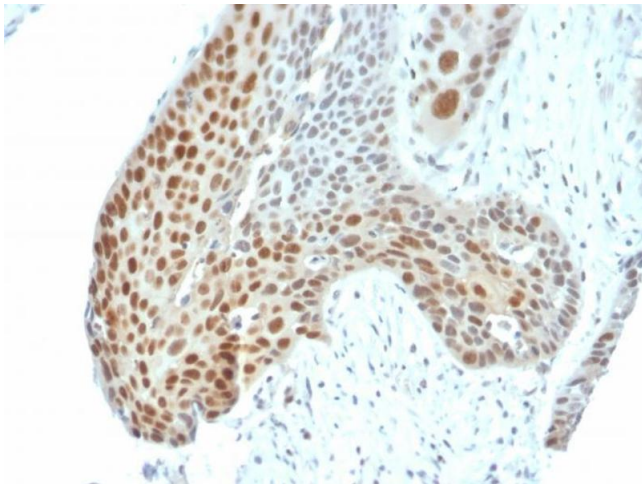
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Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



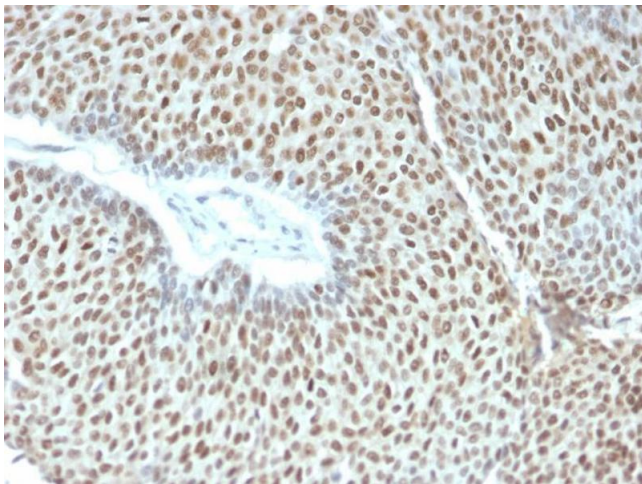
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Phospho c-Jun Mouse Monoclonal Antibody (C-J 4C4/1). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Cervical Tumor stained with Phospho c-Jun Mouse Monoclonal Antibody (C-J 4C4/1).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Cervical Tumor stained with Phospho c-Jun Mouse Monoclonal Antibody (C-J 4C4/1).