

Datasheet for ABIN5557425

anti-C-JUN antibody

3 Images

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Overview

Quantity:	100 µL
Target:	C-JUN (JUN)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This C-JUN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human c-Jun protein, around N-terminal 100aa.
Clone:	4A11
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	C-JUN (JUN)
Alternative Name:	c-Jun (JUN Products)
Background:	Synonyms: AP1, AP-1, c-Jun, Transcription factor AP-1, Activator protein 1, Proto-oncogene c-Jun, V-jun avian sarcoma virus 17 oncogene homolog, p39, JUN

Target Details

Background: Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation.

Gene ID: 3725

UniProt: [P05412](#)

Pathways: [MAPK Signaling](#), [RTK Signaling](#), [WNT Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Myometrial Relaxation and Contraction](#), [Skeletal Muscle Fiber Development](#), [Protein targeting to Nucleus](#), [Toll-Like Receptors Cascades](#), [Autophagy](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [BCR Signaling](#), [S100 Proteins](#)

Application Details

Application Notes: IHC-P 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

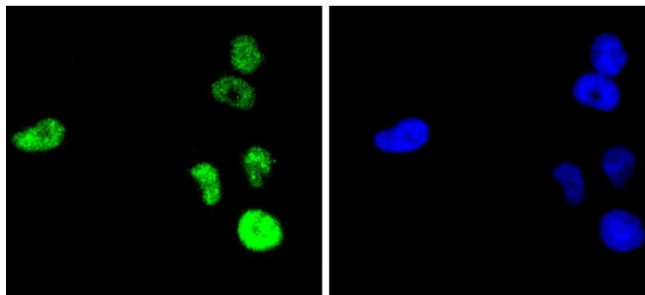
Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Storage: -20 °C

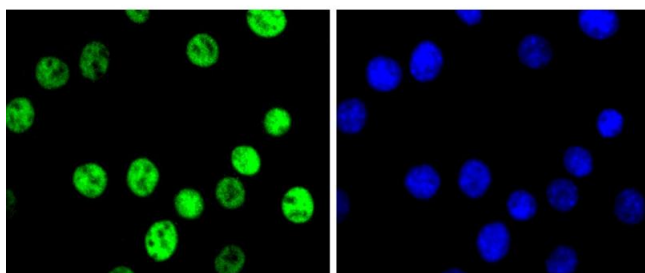
Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



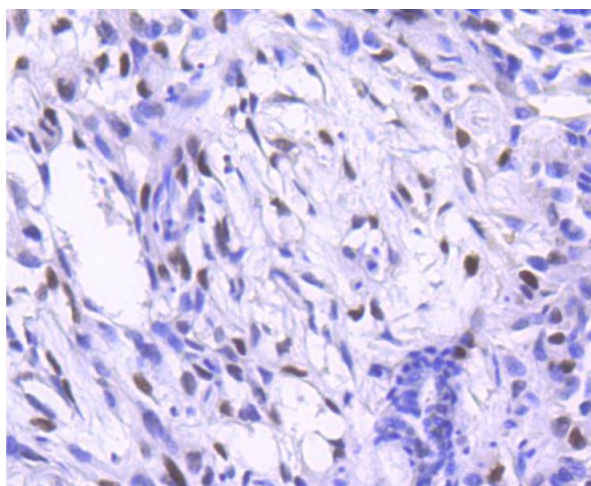
Immunofluorescence (Cultured Cells)

Image 1. HeLa cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X100/PBS and stained with c-Jun (4A11) Monoclonal Antibody at 1:200 and incubated overnight at 4°C, followed by secondary antibody incubation, DAPI staining of the nuclei and detection.



Immunofluorescence (Cultured Cells)

Image 2. NIH/3T3 cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X100/PBS and stained with c-Jun (4A11) Monoclonal Antibody at 1:200 and incubated overnight at 4°C, followed by secondary antibody incubation, DAPI staining of the nuclei and detection.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded human breast cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer at 37°C for 20min, Antibody incubation with c-Jun (4A11) Monoclonal Antibody at 1:50 overnight at 4°C, followed by a conjugated secondary and DAB staining.