

# Phospho-c-Jun (Ser73) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic phosphopeptide corresponding to residues around pSer73 of human c-Jun
Form	Liquid
Concentration	8 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10979275

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	-

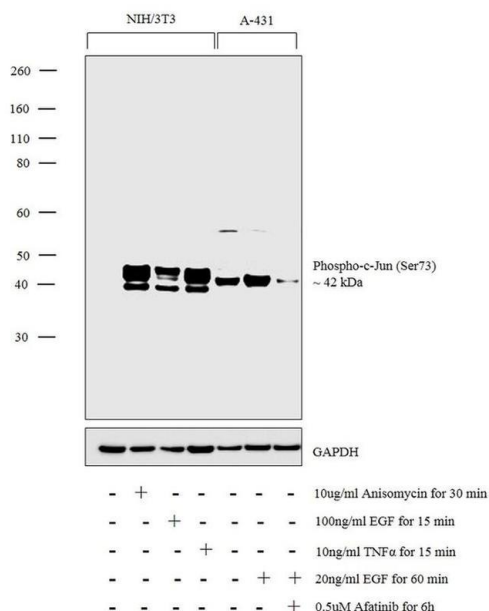
## Product Specific Information

It is not recommended to aliquot this antibody.

## Product Images For Phospho-c-Jun (Ser73) Polyclonal Antibody

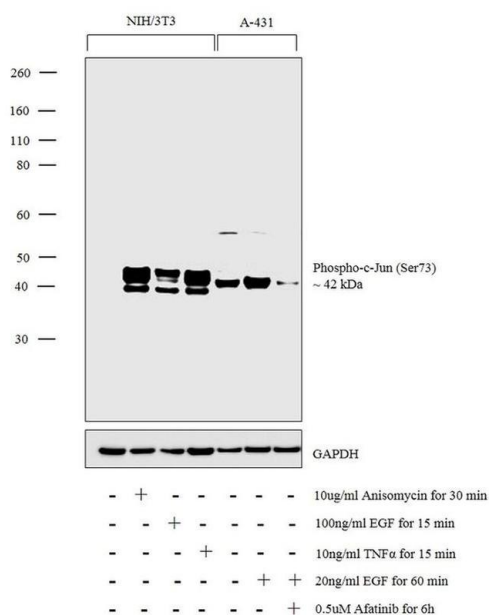
### Phospho-c-Jun (Ser73) Antibody (PA5-17879) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of NIH/3T3 (Lane 1), NIH/3T3 treated with Anisomycin (10 µg/mL for 30 min) (Lane 2), NIH/3T3 treated with EGF (100 ng/mL for 15 min) (Lane 3), NIH/3T3 treated with TNF alpha (10 ng/mL for 15 min) (Lane 4), A-431 (Lane 5), A-431 treated with EGF (20 ng/mL for 60 min) (Lane 6) and A-431 treated with Afatinib (0.5 µM for 6 h) followed by EGF (20 ng/mL for 60 min) (Lane 7). The blot was probed with Anti-Phospho-c-Jun (Ser73) Polyclonal Antibody (Product # PA5-17819, 1:500 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 42 kDa band corresponding to Phospho-c-Jun (Ser63) was observed across the cell lines tested upon Anisomycin, EGF and TNF alpha treatment and was also observed to downregulate upon Afatinib treatment.



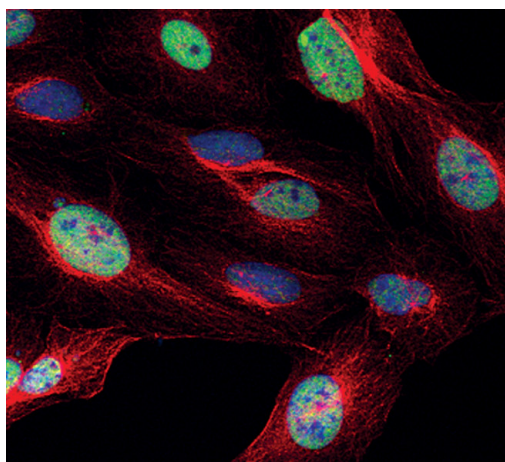
### Phospho-c-Jun (Ser73) Antibody (PA5-17879)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Phospho-c-Jun (Ser73) Polyclonal Antibody (Product # PA5-17819) shows increased expression of proteins phosphorylated at the Serine residue in NIH/3T3 and A-431 cell lines upon Anisomycin, EGF and TNF alpha treatments. Phosphorylation is observed to be downregulated in A-431 cells upon treatment with Afatinib. {TM}



### Phospho-c-Jun (Ser73) Antibody (PA5-17879) in ICC/IF

Immunofluorescent analysis of Phospho-c-Jun pSer73 in C6 cells, anisomycin treated, using a Phospho-c-Jun pSer73 polyclonal antibody (Product # PA5-17879) (green) and a beta-Tubulin monoclonal antibody (red). DNA is labeled using a fluorescent blue dye.



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