

c-Jun (phospho Ser73) antibody [HL2713]

Cat. No. GTX639474

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW (kDa) 38, 48 kDa.

Product Note

This antibody is raised against human c-Jun phosphorylated at Ser73. Based on sequence homology, it is predicted to react with human JunD phosphorylated at Ser100.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser73 of human c-Jun. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

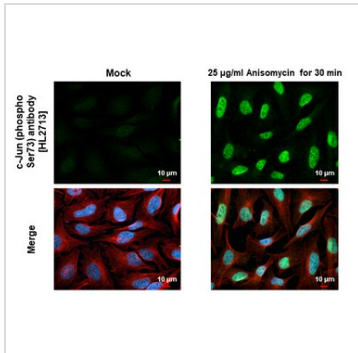
Date 2026 / 10 / 10 Page 1 of 2

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX639474 ICC/IF Image

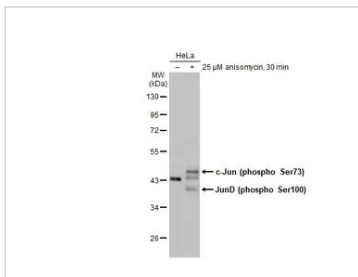
c-Jun (phospho Ser73) antibody [HL2713] detects c-Jun (phospho Ser73) protein at nucleus by immunofluorescent analysis.

Sample: Mock and treated HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: c-Jun (phospho Ser73) stained by c-Jun (phospho Ser73) antibody [HL2713] (GTX639474) diluted at 1:500.

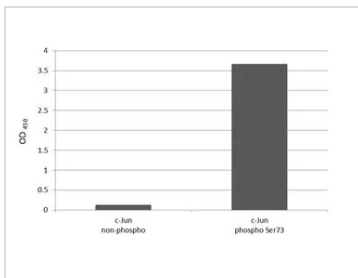
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).



GTX639474 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with c-Jun (phospho Ser73) antibody [HL2713] (GTX639474) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX639474 Image

Specificity analysis was performed by coating the plate with recombinant c-Jun non-phospho peptide and c-Jun (phospho Ser73) peptide (250 ng/mL). Coated protein was probed with c-Jun (phospho Ser73) antibody [HL2713] (GTX639474) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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