

## c-Jun(Phospho-Thr239) Antibody

Catalog No: #11024



Package Size: #11024-1 50ul #11024-2 100ul

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## Description

Product Name	c-Jun(Phospho-Thr239) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of c-Jun only when phosphorylated at threonine239.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 239 (G-E-T(p)-P-P) derived from Human c-Jun.
Target Name	c-Jun
Modification	Phospho
Other Names	AH119; AP1; Jun A; c-Jun; p39
Accession No.	Swiss-Prot: P05412NCBI Protein: NP_002219.1
Uniprot	P05412
GeneID	3725;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

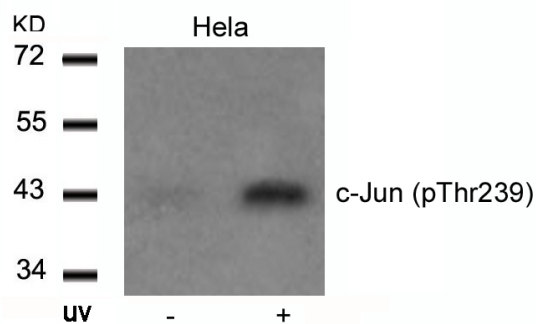
Predicted MW: 43kd

Western blotting: 1:500~1:1000

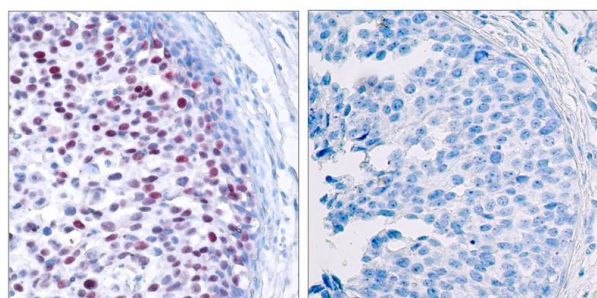
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

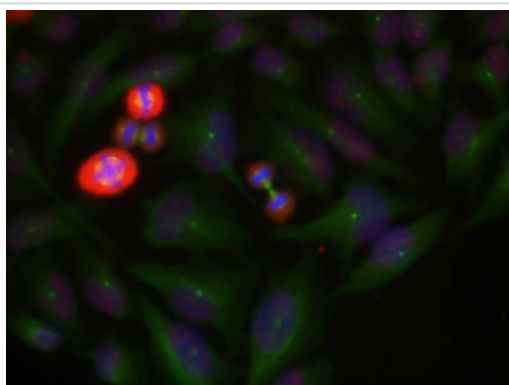
## Images



Western blot analysis of extracts from HeLa cells untreated or treated with UV using c-Jun(Phospho-Thr239) Antibody #11024.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-Jun(Phospho-Thr239) Antibody #11024(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using c-Jun(Phospho-Thr239) Antibody #11024.

## Background

Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'.

Boyle W J, et al. (1991) Cell. 64(3): 573-584.

Binetruy B, et al. (1991) Nature. 351: 122-127.

Smeal T, et al. (1991) Nature. 354:494-496.

Derijard B, et al. (1994) Cell. 76:1025-1037.

Kyriakis J M, et al. (1994) Nature. 369: 156-160.

Note: This product is for in vitro research use only