

c-Jun(Phospho-Ser73) Antibody

Catalog No: #11003

Package Size: #11003-1 50ul #11003-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	c-Jun(Phospho-Ser73) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
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
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of c-Jun only when phosphorylated at serine 73.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 73 (L-A-S(p)-P-E) derived from Human c-Jun.
Conjugates	Unconjugated
Target Name	c-Jun
Modification	Phospho
Other Names	AH119; AP1; Jun A; c-Jun; p39
Accession No.	Swiss-Prot: P05412NCBI Protein: NP_002219.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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.

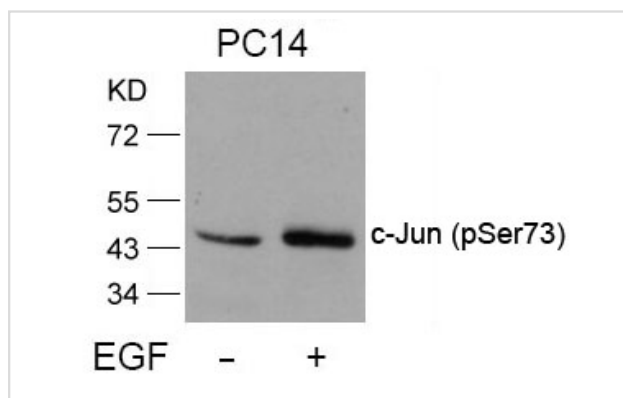
Application Details

Predicted MW: 43kd

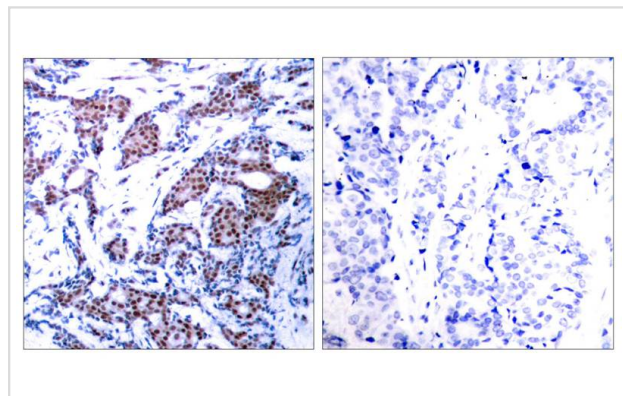
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

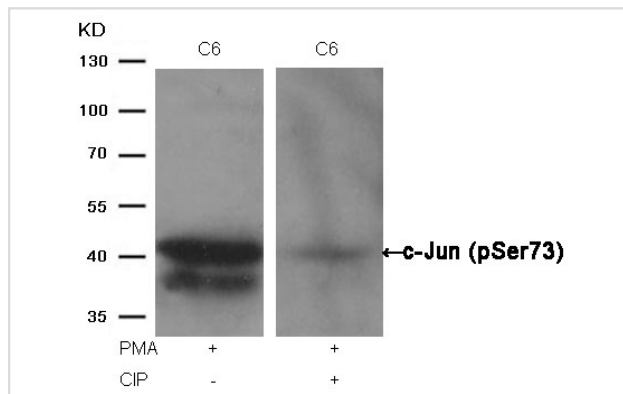
Images



Western blot analysis of extracts from PC14 cells untreated or treated with EGF using c-Jun(Phospho-Ser73) Antibody #11003.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-Jun(Phospho-Ser73) Antibody #11003(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from C6 cells, treated with PMA or calf intestinal phosphatase (CIP), using c-Jun (Phospho-Ser73) Antibody #11003.

Background

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

Published Papers

el at., Increase in claudin-2 expression by an EGFR/MEK/ERK/c-Fos pathway in lung adenocarcinoma A549 cells. In *Biochim Biophys Acta* on 2012 Jun by Akira Ikari, Tomonari Sato, et al..PMID: 22546605, , (2012)

[PMID:22546605](#)

el at., Differential apoptosis gene expressions of rhabdomyosarcoma cells in response to enterovirus 71 infection.In *BMC Infect Dis* on 2012 Nov 28 by Shi W, Li X,et al..PMID:23191987, , (2012)

[PMID:23191987](#)

el at., The pivotal role of SUMO-1-JNK-Tau axis in an in vitro model of oxidative stress counteracted by the protective effect of curcumin. In *Biochem Pharmacol* on 2020 Aug by Lucia Buccarello, Jessica Dragotto, et al..PMID:32502496, , (2020)

[PMID:32502496](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.