



c-Jun (Phospho-Ser73) Antibody

#11003

Catalog Number: 11003-1, 11003-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P05412

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human c-Jun around the phosphorylation site of serine 73 (L-A-S_P-P-E).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

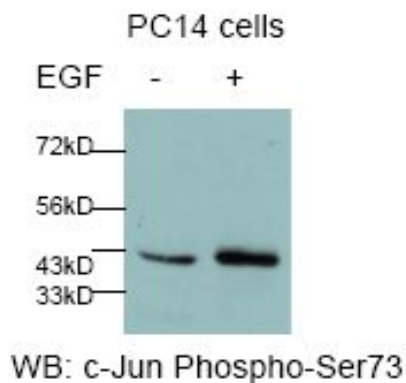
Specificity/Sensitivity: c-Jun (phospho-Ser73) antibody detects endogenous levels of c-Jun only when phosphorylated at serine 73

Reactivity: Human, Mouse, Rat

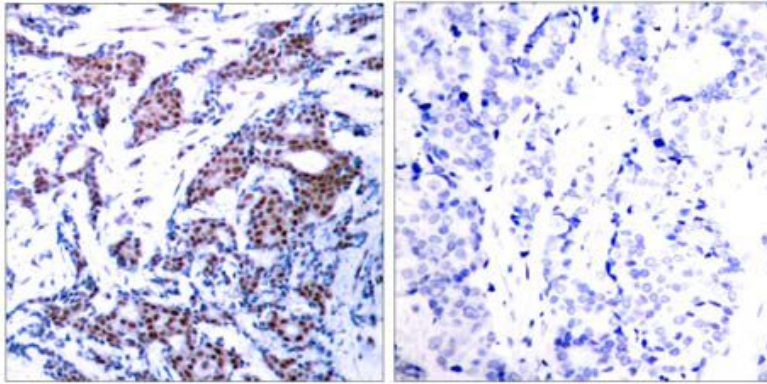
Applications:

Predicted MW: 43kd

WB: 1:500~1:1000 IHC: 1:50~1:100



Western blot analysis of extracts from PC14 cells using c-Jun (phospho-Ser73) antibody (#11003).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-Jun (phospho-Ser73) antibody (#11003).

Background :

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

References:

- Sevilla A, et al. (2004) *Oncogene*.23 (55): 8950-8958.
- Beausoleil S A, et al. (2004) *Proc Natl Acad Sci U S A*. 101(33): 12130-12135.
- 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.