

## p53 (Phospho-Ser15) antibody Blocking

Catalog Number: 51094

**Amount:** 100μg/100μl

Form of Peptide: Peptide in 10 mM phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl,

0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.

Peptide Information: The synthesized phosphopeptide was derived from human p53 around the phosphorylation

site of serine 15 (P-L-S<sup>P</sup>-Q-E).

Storage: Store at -20°C.

**Quality Control:** The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

**Specificity:** The peptide specifically blocks the signal of p53 (Phospho-Ser15) antibody (#11094)

completely in Western blotting and IHC.

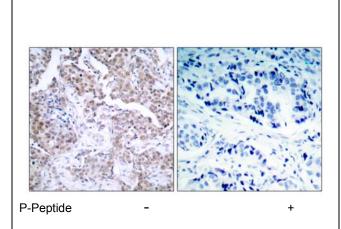
Applications: For Western blotting:add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody

dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before

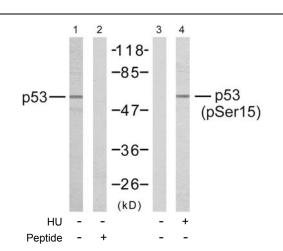
allowing to react with the blot.

**References:** Shieh, S. Y. et al. (1999) *EMBO J.* 18, 1815-1823.

Honda, R. et al. (1997) *FEBS Lett.* 420, 25-27. Hirao, A. et al. (2000) *Science* 287, 1824-1827.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p53 (phospho-Ser15) antibody (#11094).



Western blot analysis of the extracts from HeLa cells untreated or treated with hydroxyurea, using p53 (Ab-15) antibody (#21085, Line1 and 2) and p53 (phospho-Ser15) antibody (#11094, Line3 and 4).