



## CREB (Phospho-Ser133) Antibody Blocking Peptide

#51052

**Catalog Number:** 51052

**Amount:** 100µg/100µl

**Form of Peptide:** Peptide in 10 mM phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), 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 CREB around the phosphorylation site of serine 133 (R-P-S<sup>P</sup>-Y-R).

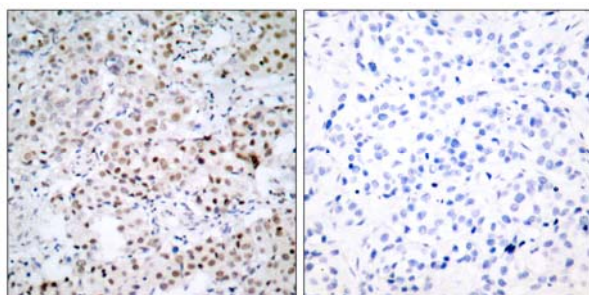
**Storage:** Store at -20°C.

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

**Specificity:** The peptide specifically blocks the signal of CREB (phospho-Ser133) antibody (#11052) completely in Western blotting and IHC.

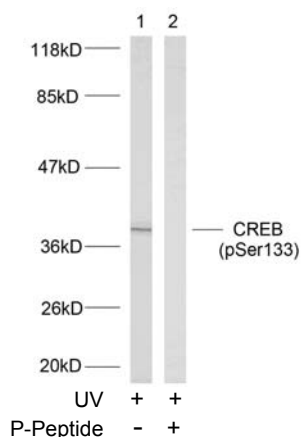
**Applications:** For Western blotting: add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody dilution buffer, and incubate at 4°C over night or at room temperature for 2 hours before allowing to react with the blot.

**References:** Xing J, et al. (1998) Mol Cell Biol 18(4): 1946-55.  
Tan Y, et al. (1996) EMBO J; 15(17): 4629-42.  
Hao, M. et al. (1996) J. Biol. Chem. 271, 29380-29385.  
Mayo LD, et al. (2001) Biol Chem; 276(27): 25184-9.



P-Peptide                      -                      +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CREB (phospho-Ser133) antibody (#11052).



Western blot analysis of extracts from HeLa cells using CREB (phospho-Ser133) antibody (#11052).

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