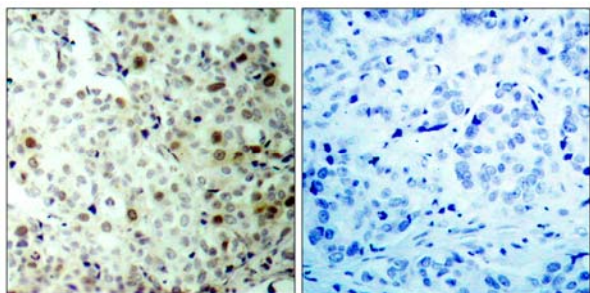




CDK2 (Phospho-Thr160) Antibody Blocking Peptide

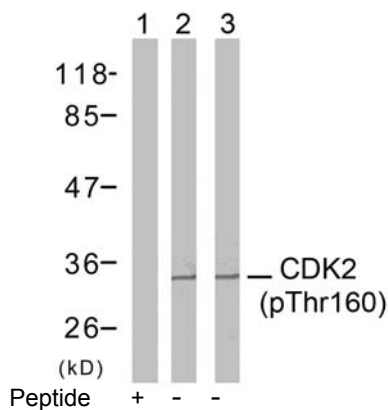
#51133

- Catalog Number:** 51133-1, 51133-2
- Amount:** 50µg/50µl, 100µg/100µl
- Form of Peptide :** Peptide 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.
- Quality Control:** The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.
- Peptide Information :** The synthesized phosphopeptide was derived from human CDK2 around the phosphorylation site of threonine 160 (T-Y-T^P-H-E).
- Specificity:** The peptide specifically blocks the signal of CDK2 (phospho-Thr160) antibody (#11133) 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.
- Swiss-Prot No. :** P24941
- References:** Ukomadu C, et al.(2003) J Biol Chem; 278(7): 4840-6.
Morris MC, et al.(2002) J Biol Chem; 277(26): 23847-53.
Brown NR, et al.(1999) J Biol Chem; 274(13): 8746-56.
Liu Y, et al.(2004) J Biol Chem; 279(6): 4507-14.



P-Peptide - +

Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue, using CDK2 (phospho-Thr160) antibody (#11133).



Western blot analysis of extracts from A2780 cells (Lane 1 and 2) and MDA-MB-435 cells (Lane 3), using CDK2 (phospho-Thr160) antibody (#11133).

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