ATM (Phospho-Ser1981) Antibody Blocking Peptide

#51122

Catalog Number: 51122

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 ATM around the phosphorylation site of serine 1981 (E-G-S^{P}-Q-S).

Storage: Store at -20℃.

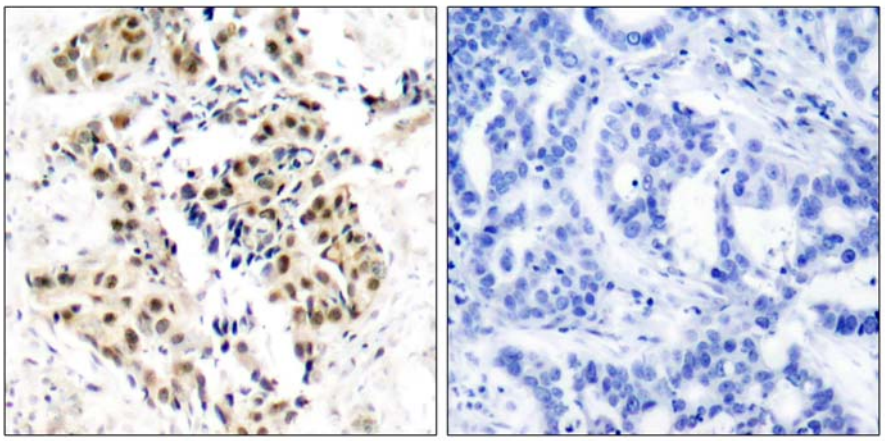
Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

Specificity: The peptide specifically blocks the signal of ATM (phospho-Ser1981) antibody (#11122) completely in 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℃ over night or at room temperature for 2 hours before allowing to react with the blot.

References:

Gupta A. et al. (2005) Mol Cell Biol. 25(12): 5292-5305.
Bernstein JL. et al. (2002) Breast Cancer Res. 4(6): 249-252.
Silverman J. et al. (2004) Genes Dev. 18(17): 2108-2119.
Nakada D. et al. (2003) Nucleic Acids Res. 31(6): 1715-1724.



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATM (phospho-Ser1981) antibody (#11122).

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