

## ATM (Phospho-Ser1981) Antibody Blocking Peptide

Catalog Number:	51122
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 ATM around the phosphorylation
	site of serine 1981 (E-G-S <sup>P</sup> -Q-S).
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 ATM (phospho-Ser1981) antibody (#11122)
	completely in IHC.
Applications:	For Western blotting:add 10 $\mu l$ of antibody and 10 $\mu l$ of blocking peptide to 10 ml of antibody
	dilution buffer, and incubate at 4 $^\circ\!\mathrm{C}$ 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.

