



AMPK1 (Phospho-Thr174) Antibody Blocking Peptide

#51183

Catalog Number: 51183-1, 51183-2

Amount: 50µg/50µl, 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 AMPK1 around the phosphorylation site of threonine 174 (L-R-T^P-S-C).

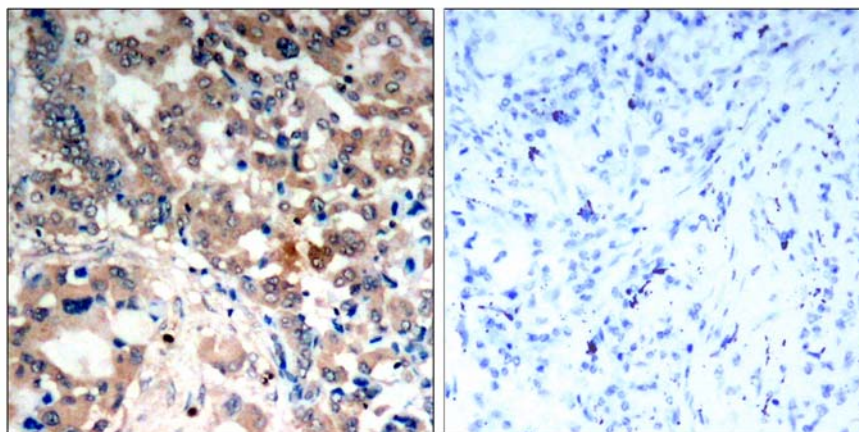
Storage: Store at -20°C.

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

Specificity: The peptide specifically blocks the signal of AMPK1 (Phospho-Thr174) Antibody (#11183) 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°C over night or at room temperature for 2 hours before allowing to react with the blot.

References: Hurley RL, et al. (2005) J Biol Chem. Aug 12; 280(32): 29060-29066
Woods A, et al. (2003) Curr Biol. Nov 11; 13(22): 2004-2008
Nielsen JN, et al. (2003) J Appl Physiol. Feb; 94(2): 631-641
Da Silva Xavier G, et al. (2000) Proc Natl Acad Sci U S A. Apr 11; 97(8): 4023-4028.



P-Peptide

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Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using AMPK1 (Phospho-Thr174) antibody (#11183).

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