PKCβ (Phospho-Thr641) Antibody Blocking Peptide

#51172

Catalog Number: 51172-1, 51172-2

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 PKCβ around the phosphorylation site of threonine 641 (E-L-T^{P}-P-T).

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 PKCβ (Phospho-Thr641) Antibody (#11172) 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℃ over night or at room temperature for 2 hours before allowing to react with the blot.

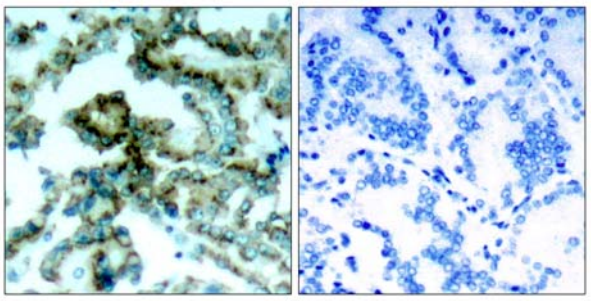
References:

Zhang Y, et al. (2006) Mol Cell Biol ; 26: 6748-6761

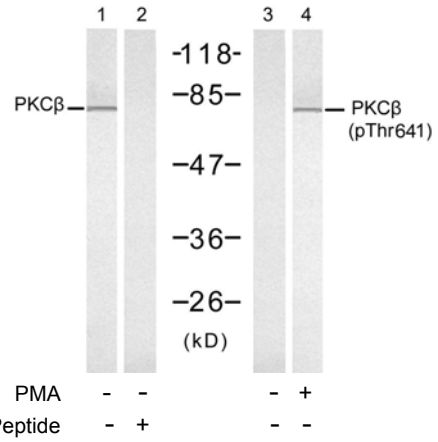
Castoria G, et al. (2004) Mol Cell Biol ; 24: 7643-7653

Marcil J, et al. (1999) Biochem J ; 337:185-192

Bornancin F, et al. (1996) Curr Biol ; 6:1114-1123.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using PKCβ (phospho-Thr641) antibody (#11172).



Western blot analysis of extracts from K562 cells, untreated or treated with PMA (1ng/ml, 10min), using PKCβ (Ab-641) antibody (#21184, Lane 1 and 2) and PKCβ (phospho-Thr641) antibody (#11172, Lane 3 and 4).

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