

PKC β (Phospho-Thr641) Antibody

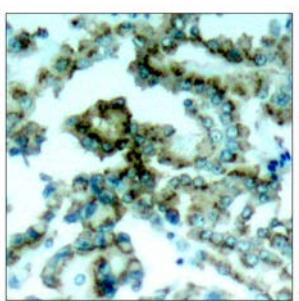
E011172

Catalog Number: E011172-1, E011172-2**Amount:** 50 μ g/50 μ l, 100 μ g/100 μ l**Swiss-Prot No.:** P05771**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human PKC β around the phosphorylation site of threonine 641 (E-L-T^P-P-T).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.**Specificity/Sensitivity:** PKC β (phospho-Thr641) antibody detects endogenous levels of PKC β only when phosphorylated at threonine 641.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1:1000 IHC: 1:50-1:100**References:** Zhang Y, et al. (2006) Mol Cell Biol ; 26: 6748-6761

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

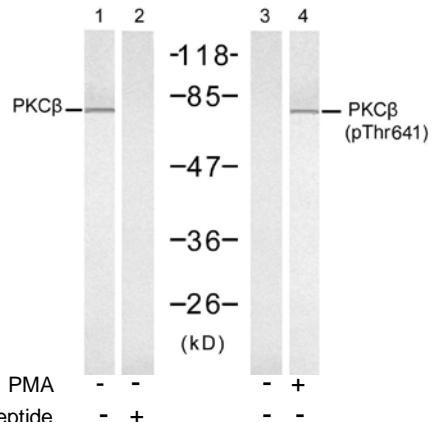
Marcil J, et al. (1999) Biochem J ; 337:185-192

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



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using PKC β (phospho-Thr641) antibody (E011172).



Western blot analysis of extracts from K562 cells, untreated or treated with PMA (1ng/ml, 10min), using PKC β (Ab-641) antibody (E021184, Lane 1 and 2) and PKC β (phospho-Thr641) antibody (E011172, Lane 3 and 4).