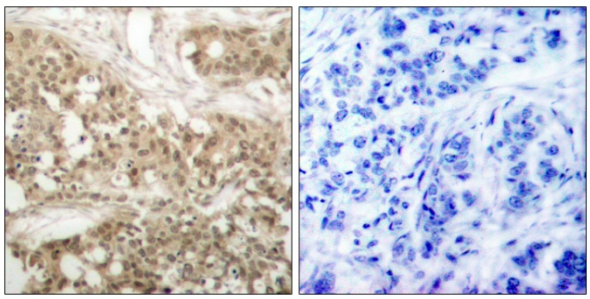
PKCθ (Phospho-Ser676) Antibody

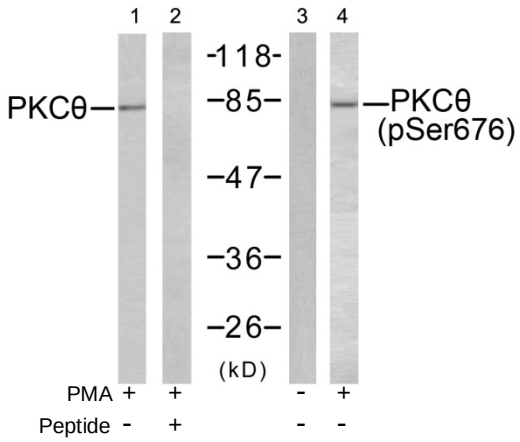
E11-7197A

Catalog Number: E11-7197A
Amount: 100μg/100μl
Swiss-Prot No. : Q04759
All Names: PRKCQ , Protein kinase C theta type
All Sites: Human: Ser676; Mouse: Ser676; Rat: Ser676
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage/Stability: Store at -20 ℃/1 year
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human PKCθ around the phosphorylation site of serine 676 (R-L-S^P-F-A).
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: PKCθ (phospho-Ser676) antibody detects endogenous levels of PKCθ only when phosphorylated at serine 676.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:4000
References: Kristof Van Kolen, et,al. (2006) FEBS J; 273: 1843-1854.
Martin Villalba, et,al. (2002) J. Cell Biol; 157: 253.
Jie Zhang, et,al. (2004) J. Biol. Chem; 279: 22118-22123.
A. F. Castro, et,al. (1998) Am J Physiol Cell Physiol; 275: C113-C119.



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PKCθ (phospho-Ser676) antibody.



Western blot analysis of extracts from JK cells untreated or treated with PMA (200nM, 30mins), using PKCθ (Ab-676) antibody (Line 1 and 2) and PKCθ (phospho-Ser676) antibody (Line 3 and 4).

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