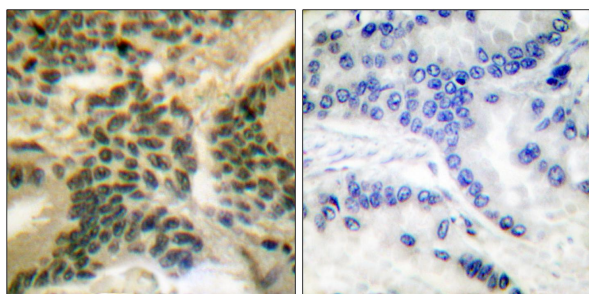




PKC ζ (Phospho-Thr410) Antibody

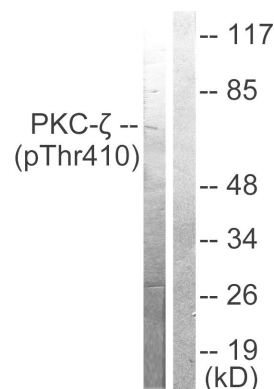
E11-0023A

- Catalog Number:** E11-0023A
- Amount:** 100 μ g/100 μ l
- Swiss-Prot No. :** Q05513
- All Names:** EC 2.7.11.13, KPCZ, PKC-zeta, PKC2, PRKCZ, Protein kinase C zeta type, kinase PKC-zeta, nPKC-zeta
- All Sites:** Human: Thr410; Mouse: Thr410; Rat: Thr410
- 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 ζ around the phosphorylation site of threonine 410 (T-S-T^P-F-C).
- 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 ζ (phospho-Thr410) antibody detects endogenous levels of PKC ζ only when phosphorylated at threonine 410.
- Reactivity:** Human, Mouse, Rat
- Applications:** WB: 1:500~1000 IHC: 1:50~100
IF: 1:100~1:500 ELISA: 1:20000
- References:** Todd E. Fox, J. Biol. Chem., Feb 2007; 10.1074/jbc.M700082200.
Katherine A. Fitzgerald, J. Immunol., Feb 2000; 164: 2053.
Koichi Asanuma, J. Immunol., Mar 2004; 172: 3922.
Ashish Bhattacharjee, J. Immunol., Sep 2006; 177: 3771 - 3781.



P-peptide - +

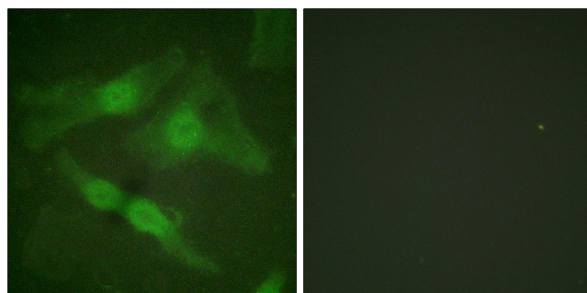
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using PKC ζ (phospho-Thr410) antibody.



PMA + +
P-peptide - +

Western blot analysis of extracts from NIH/3T3 cells treated with PMA (125ng/ml, 30mins), using PKC ζ (phospho-Thr410) antibody.

For Research Use Only



P-peptide

-

+

Immunofluorescence analysis of HeLa cells, using PKC ζ
(phospho-Thr410) antibody.