

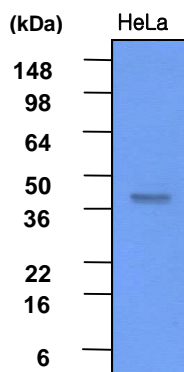
Product: Anti-PKCK-2
Catalog #: 01-2467
Amount: 200 µl

CATEGORY: Mouse monoclonal
CLONE DETERMINATION: 3G1
IMMUNOGLOBULIN CLASS: Mouse IgG₁ heavy chain and kappa light chain
FORM: Purified, in PBS, pH 7.4, containing 0.1% sodium azide
IMMUNOGEN: Recombinant human PKCK-2 (1-391 aa) purified from *E. coli*
PURIFICATION: Protein G affinity chromatography, from ascites
DESCRIPTION/SPECIFICITY: Protein Kinase Casein Kinase 2 (PKCK-2) is a ubiquitous Ser/Thr kinase expressed in all eukaryotes. It phosphorylates a number of proteins involved in various cellular processes. PKCK-2 holoenzyme is catalytically active tetramer, composed of two homologous or identical and constitutively active catalytic (α) and two identical regulatory (β) subunits.

ANTIGEN RECOGNIZED IN SPECIES (tested so far): Human
APPLICATION (tested so far): ELISA, Immunoblotting (western, ECL)
WORKING DILUTION: Western blotting 1:100-1:500
Optimal dilution should be performed by serial dilution
STORAGE: 2-8°C for immediate use; or at -20°C (aliquot)

REFERENCES:
Landesman-Bollag E *et al.*, (2001) *Oncogene* 20:3247-3257
Nambudiry R *et al.*, (2003) *BMC Struct Biol* 3:4
Lars P K *et al.*, (2004) *FEBS Lett* 569:217-223

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Western blot analysis

Cell lysates of HeLa (30ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human PKCK-2(1:200). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

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