

Catalog #: 3390

Aliases

PRKCA; Protein Kinase C Alpha; PKCA; Protein Kinase C Alpha Type; EC 2.7.11.13; PKC-Alpha; PRKACA; PKC-A; Protein Kinase C, Alpha; Aging-Associated Gene 6; EC 2.7.11; PKCalpha; PKCI+/-; PKC α ; AAG6; PRKCB; Protein Kinase C Beta; PRKCB1; PKCB; Protein Kinase C Beta Type; EC 2.7.11.13; PKC-Beta; PRKCB2; PKC-B; Protein Kinase C, Beta 1 Polypeptide; Protein Kinase C, Beta 1; Protein Kinase C, Beta; EC 2.7.11; PKCI(2); PKCbeta; PKC β ; PRKCD; Protein Kinase C Delta; Tyrosine-Protein Kinase PRKCD; Protein Kinase C Delta Type; EC 2.7.11.13; NPKC-Delta; PKCD; Protein Kinase C Delta VIII; Protein Kinase C, Delta; EC 2.7.10.2; EC 2.7.11; ALPS3; CVID9; MAY1; PRKCE; Protein Kinase C Epsilon; Protein Kinase C Epsilon Type; NPKC-Epsilon; EC 2.7.11.13; PKCE; Protein Kinase C, Epsilon; EC 2.7.11; PRKCH; Protein Kinase C Eta; PKC-L; PKCL; PRKCL; Protein Kinase C Eta Type; Protein UPEP2; EC 2.7.11.13; NPKC-Eta; UORF2; PRKCH Upstream Open Reading Frame; Protein Kinase C, Eta; EC 2.7.11; PRKCQ; Protein Kinase C Theta; Protein Kinase C Theta Type; EC 2.7.11.13; NPKC-Theta; PRKCT; Protein Kinase C, Theta; EC 2.7.11

Background

Gene Name: PRKCA/PRKCB/PRKCD/PRKCE/PRKCH/PRKCQ

NCBI Gene Entry: [5578/5579/5580/5581/5583/5588](#)

UniProt Entry: [P17252/P05771/Q05655/Q02156/P24723/Q04759](#)

Application Information

Molecular Weight: Predicted, 77 kDa; observed, 74 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB5450

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-PKC (Ser660)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

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Storage

Store at -20 °C for one year.

Recommended Dilutions

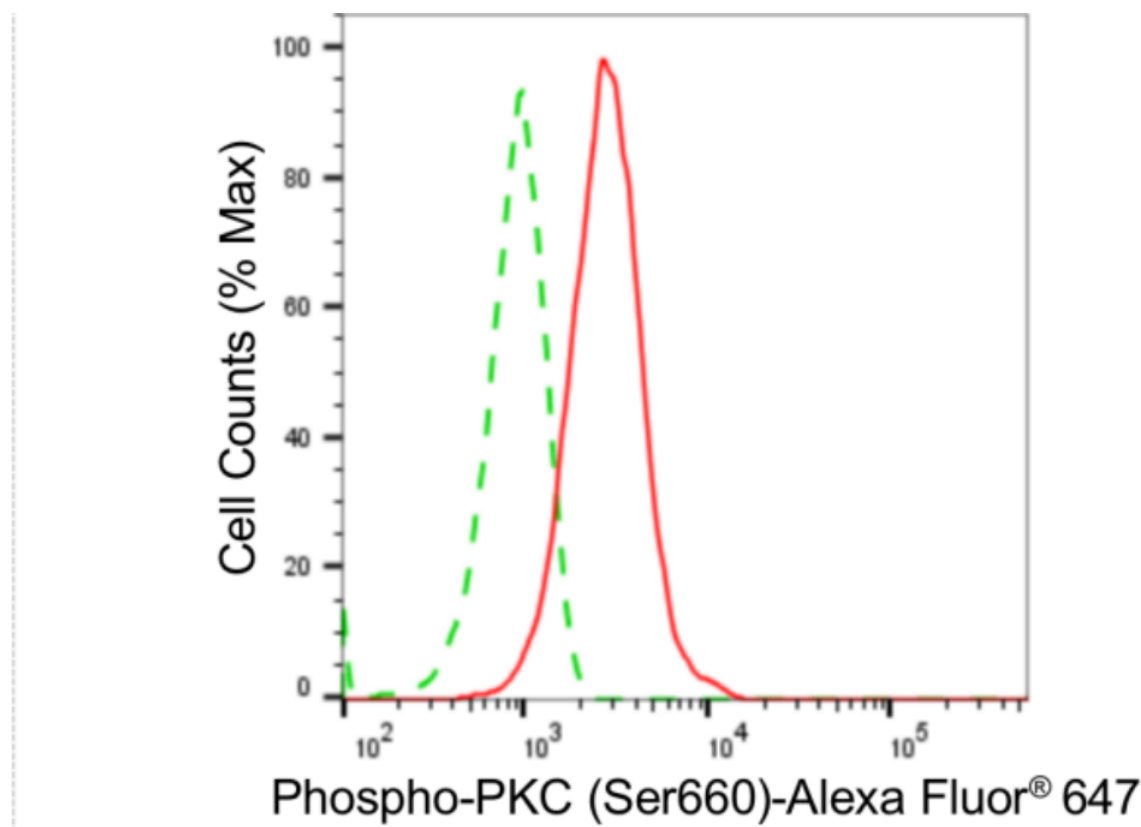
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

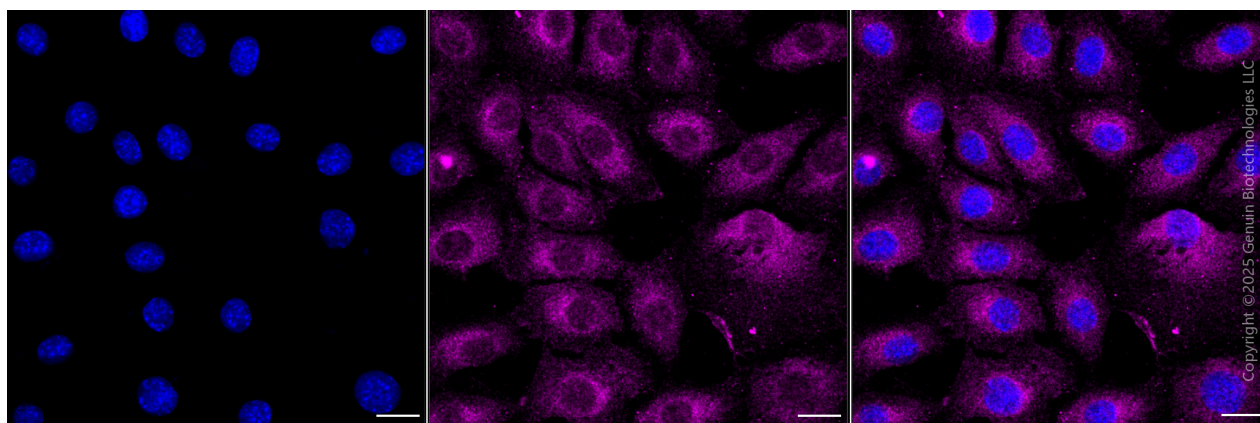
Note: This product is for research use only.

Validation Data

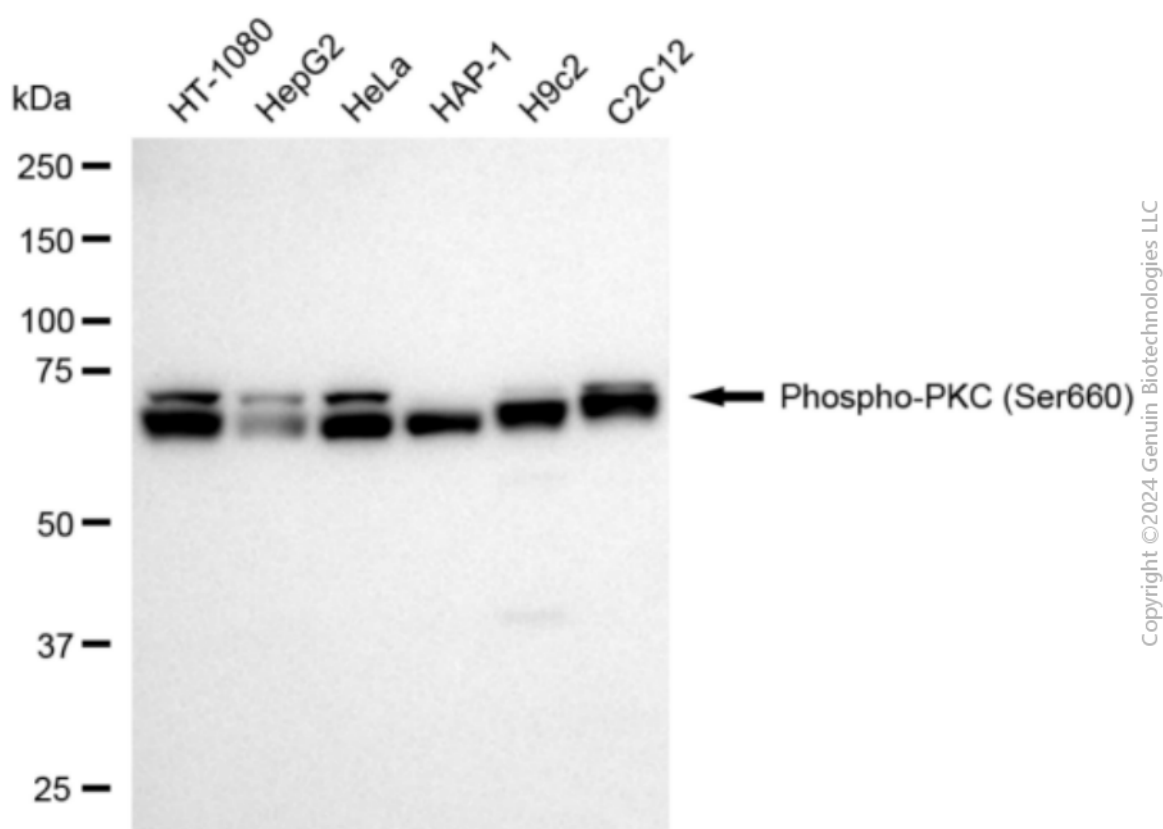


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Flow cytometric analysis of Phospho-PKC (Ser660) expression in C2C12 cells using anti-Phospho-PKC (Ser660) antibody (Cat#3390, 1:2,000). Green, isotype control; red, Phospho-PKC (Ser660).



Immunocytochemical staining of C2C12 cells with anti-Phospho-PKC (Ser660) antibody (Cat#3390, 1:1,000). Nuclei were stained blue with DAPI; Phospho-PKC (Ser660) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-phospho-PKC (Ser660) antibody (Cat#3390). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-PKC (Ser660) antibody (Cat#3390, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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