

Anti-PKC theta Recombinant Rabbit Monoclonal Antibody



Catalog #: 1693

Aliases

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: PRKCQ

NCBI Gene Entry: [5588](#)

UniProt Entry: [Q04759](#)

Application Information

Molecular Weight: Predicted, 82 kDa; observed, 90 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB4105

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human PKC theta

Isotype

Rabbit IgG

Storage Buffer

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

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

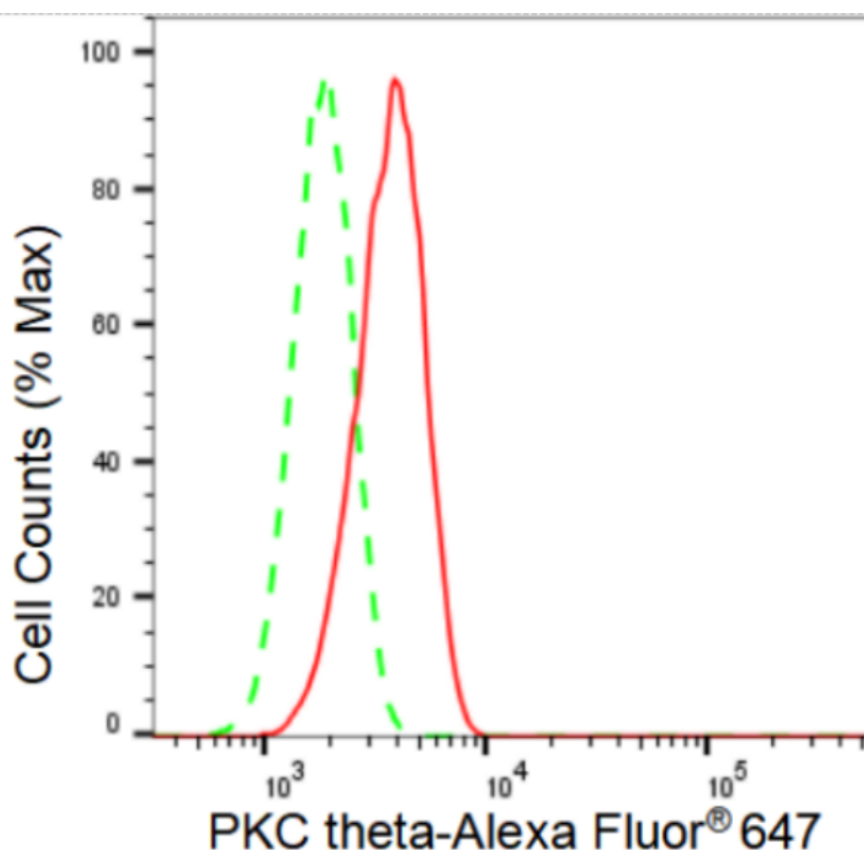
SUPPORT

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ORDERS

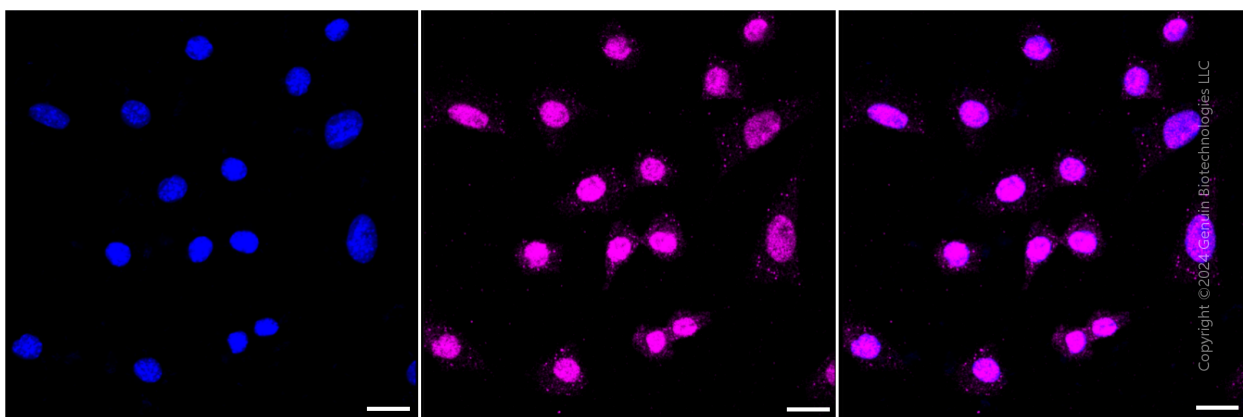
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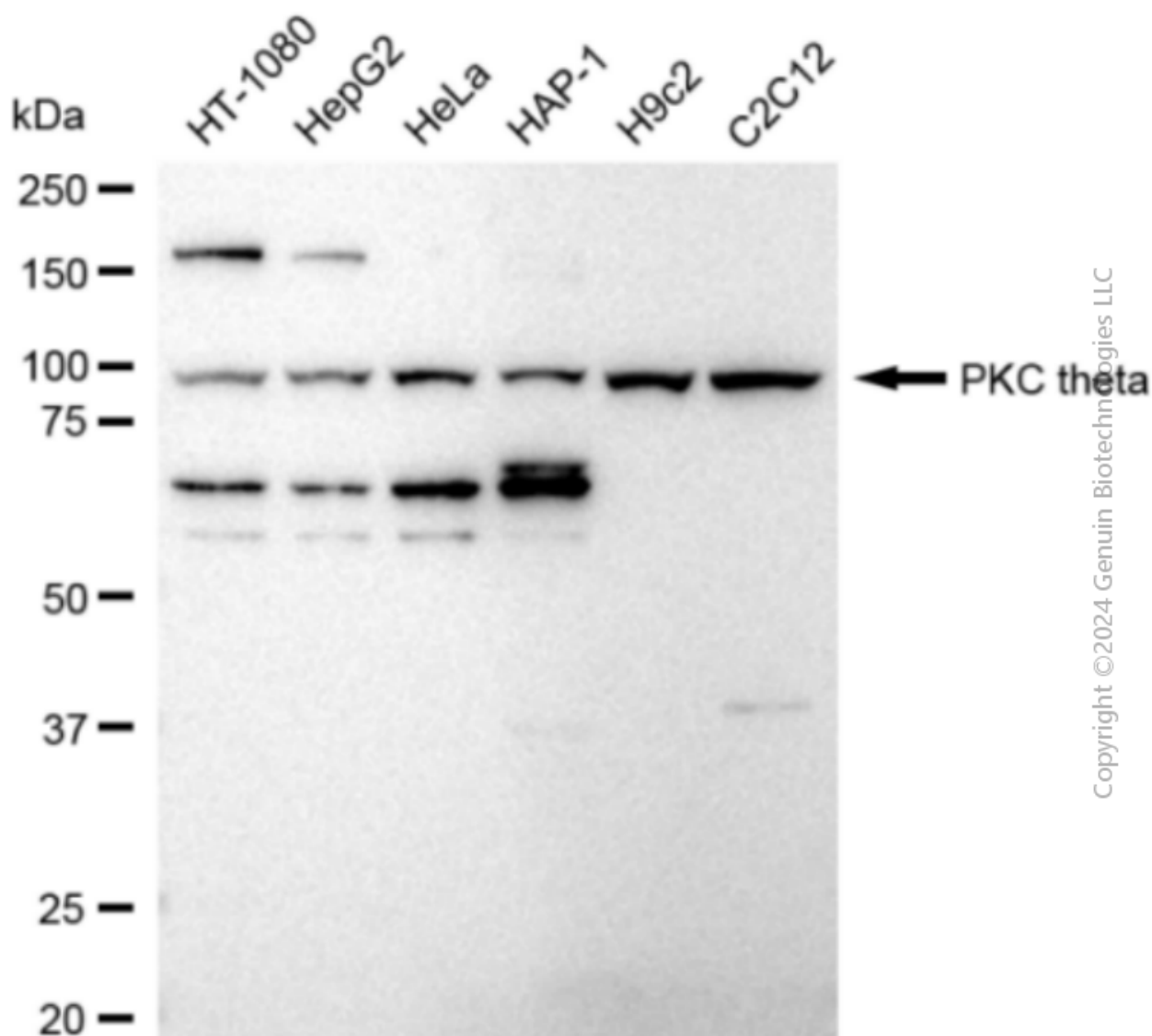
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Flow cytometric analysis of PKC theta expression in C2C12 cells using PKC theta antibody (Cat#1693, 1:2000). Green, isotype control; red, PKC theta.



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Immunocytochemical staining of C2C12 cells with PKC theta antibody (Cat#1693, 1:1,000). Nuclei were stained blue with DAPI; PKC theta 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 µm.



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Western blotting analysis using anti-PKC theta antibody (Cat#1693). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PKC theta antibody (Cat#1693, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).