

KD-Validated Anti-Protein Kinase C Eta Recombinant Rabbit Monoclonal Antibody



Catalog #: 61529

Aliases

PRKCH; Protein Kinase C Eta; PKC-L; PKCL; PRKCL; Protein Kinase C Eta Type; Protein UPEP; EC 2.7.11.13; NPKC-Eta; UORF2; PRKCH Upstream Open Reading Frame 2; Protein Kinase C, Eta; EC 2.7.11

Background

Gene Name: PRKCH

NCBI Gene Entry: [5583](#)

UniProt Entry: [P24723](#)

Application Information

Molecular Weight: Predicted, 78 kDa; observed, 78 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2655

Species Reactivity: Human, rat

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

Immunogen

A synthesized peptide derived from human PKC eta

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.

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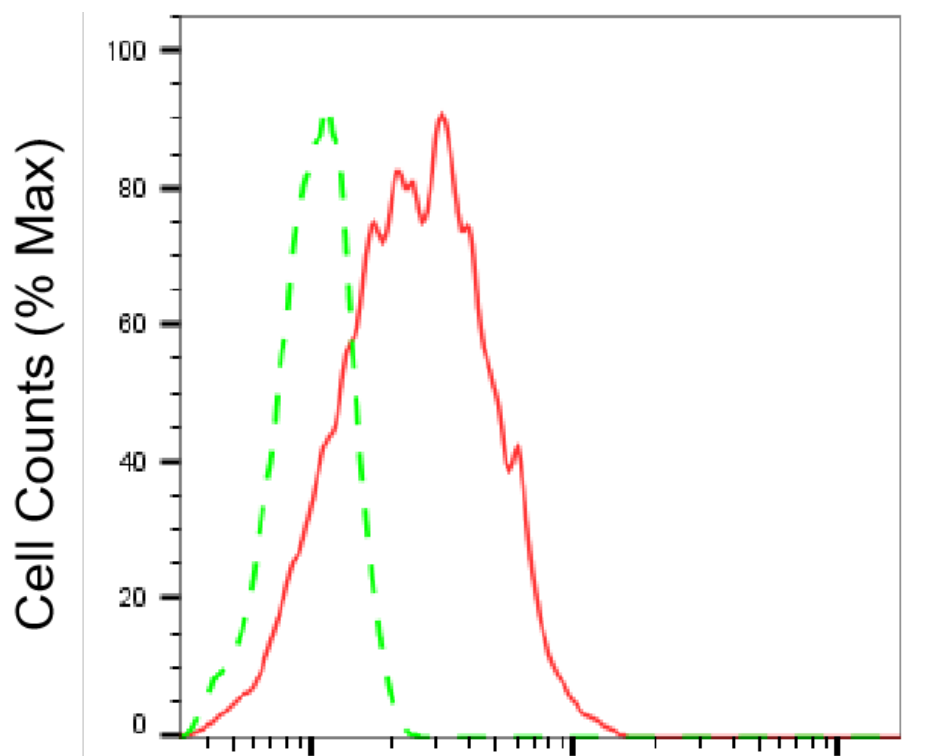
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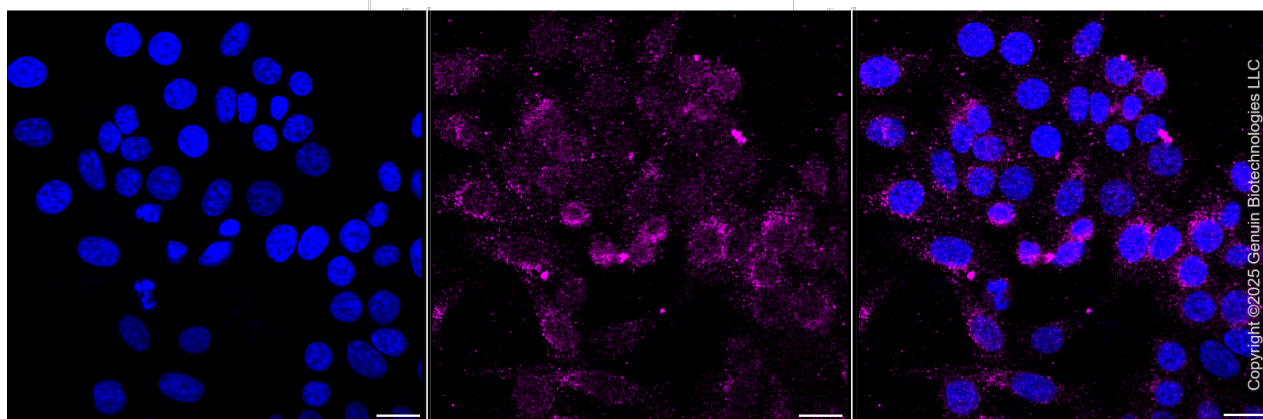
Validation Data



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Protein kinase C eta-Alexa Fluor® 647

Flow cytometric analysis of Protein kinase C eta expression in HepG2 cells using anti-Protein kinase C eta antibody (Cat#61529, 1:2,000). Green, isotype control; red, Protein kinase C eta.



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Immunocytochemical staining of HepG2 cells with anti-Protein kinase C eta antibody (Cat#61529, 1:1,000). Nuclei were stained blue with DAPI; Protein kinase C eta 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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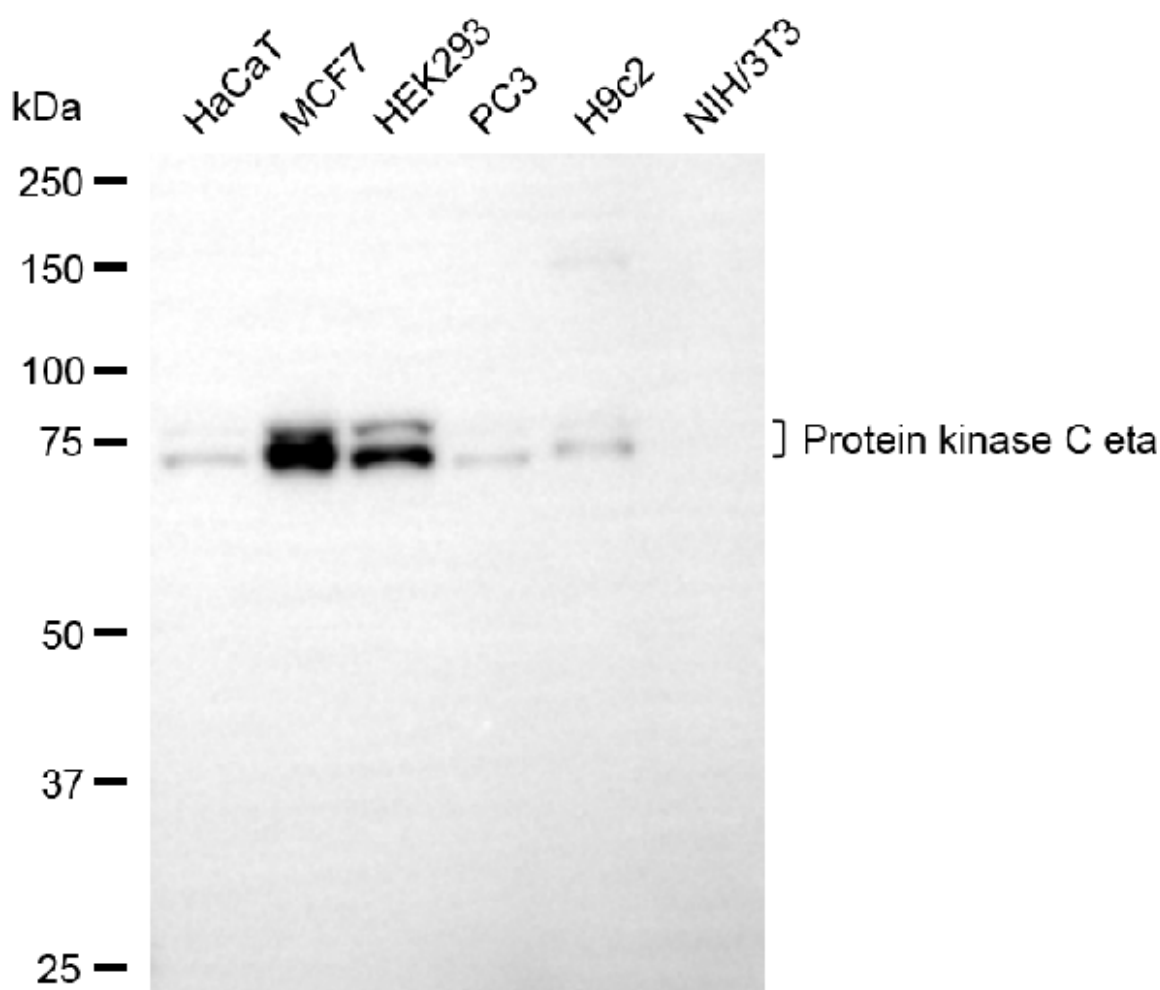
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Western blotting analysis using anti-protein kinase C eta antibody (Cat#61529). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-protein kinase C eta antibody (Cat#61529, 1:5,000) 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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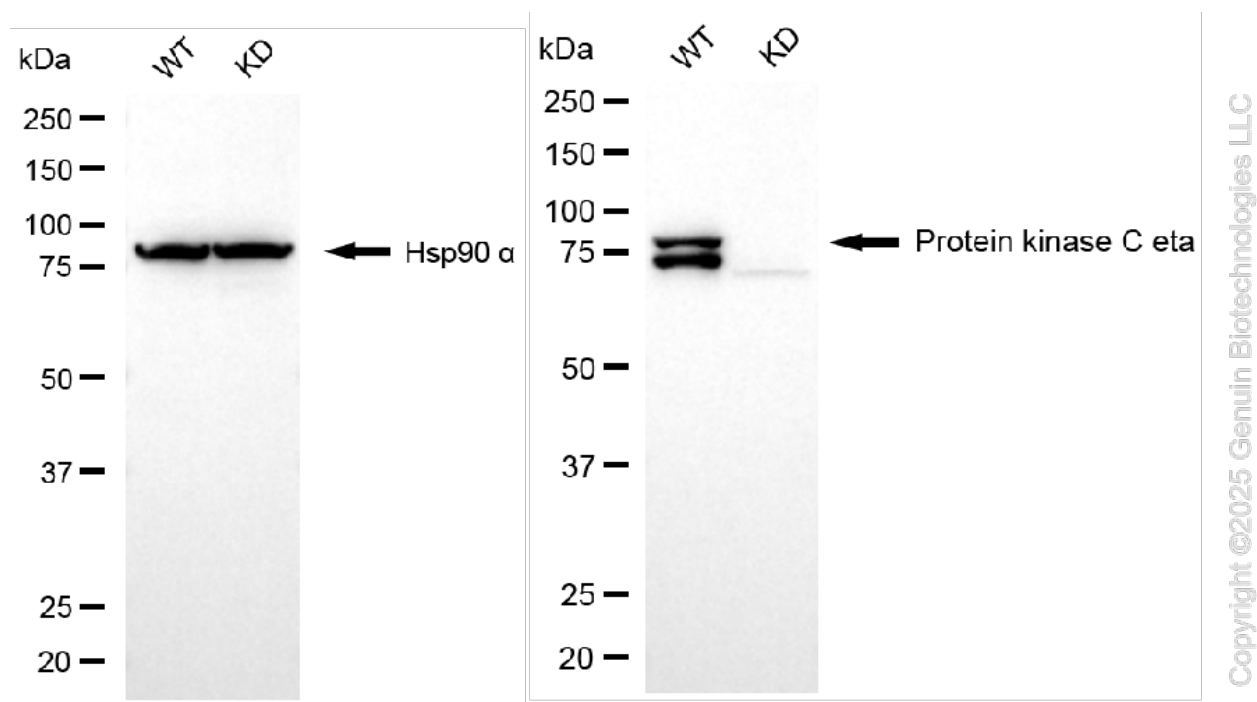
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Western blotting analysis using anti-protein kinase C eta antibody (Cat#61529). Protein kinase C eta expression in wild-type (WT) and protein kinase C eta (PRKCH) knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-protein kinase C eta antibody (Cat#61529, 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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