Anti-Protein kinase D1 Recombinant Rabbit Monoclonal Antibody

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REAL MATTERS

Catalog #: 1813

Aliases

PRKD1; Protein Kinase D1; PKD; PRKCM; PKCM; Serine/Threonine-Protein Kinase D1; Protein Kinase C Mu Type; Protein Kinase C, Mu; Protein Kinase D; EC 2.7.11.13; NPKC-D1; NPKC-Mu; PKC-MU; EC 2.7.11; PKC-Mu; CHDED; PKD1

Background

Gene Name: PRKD1
NCBI Gene Entry: 5587
UniProt Entry: Q15139

Application Information

Molecular Weight: Predicted, 102 kDa; observed, 102 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB4590
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human PKC mu

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

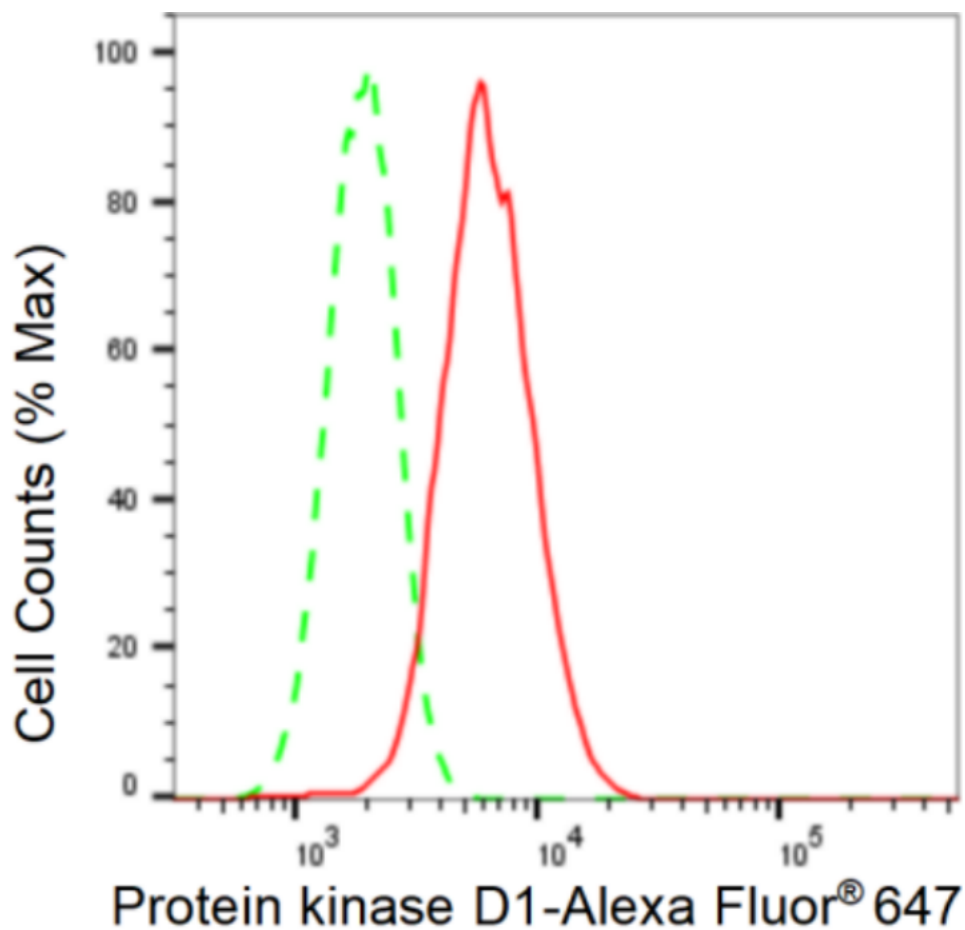**Note:** This product is for research use only.

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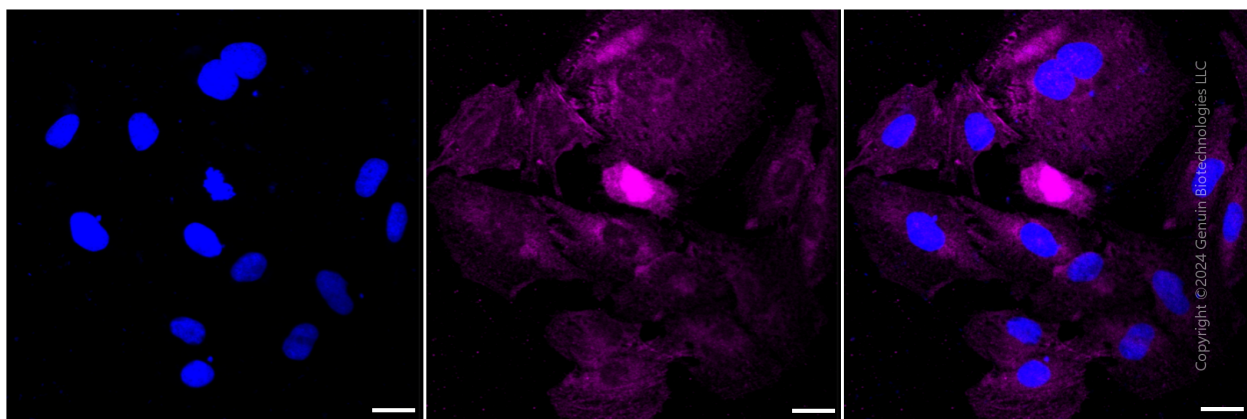
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Validation Data

Flow cytometric analysis of Protein kinase D1 expression in H9c2 cells using Protein kinase D1 antibody (Cat#1813, 1:2,000). Green, isotype control; red, Protein kinase D1.

Immunocytochemical staining of H9C2 cells with Protein kinase D1 antibody (Cat#1813, 1:1,000). Nuclei were stained blue with DAPI; Protein kinase D1 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.

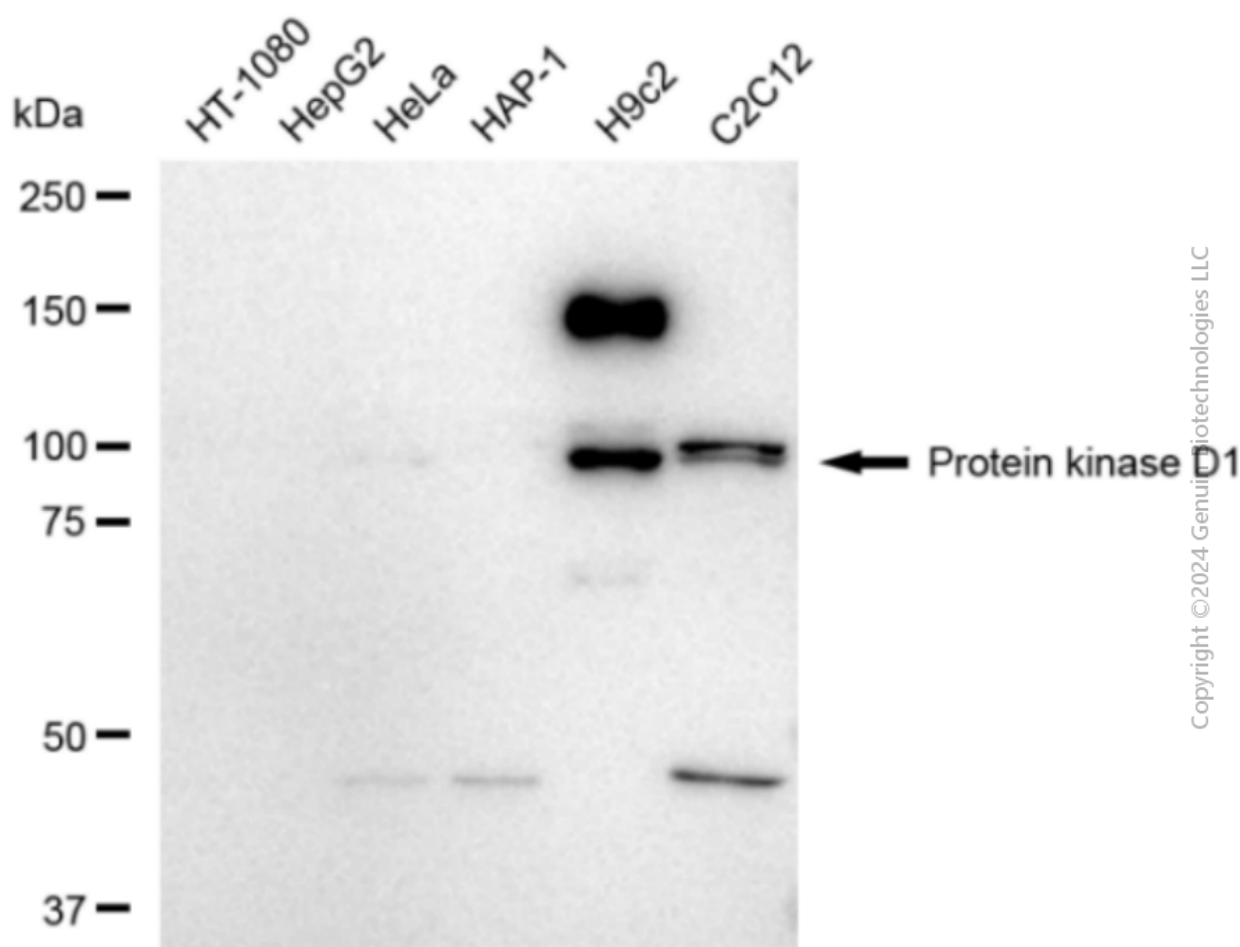
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Western blotting analysis using anti-Protein kinase D1 antibody (Cat#1813). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Protein kinase D1 antibody (Cat#1813, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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