

Catalog #: 5266

Aliases

PKD2; Polycystin 2, Transient Receptor Potential Cation Channel; TRPP2; PC2; PKD4; Pc-2; Transient Receptor Potential Cation Channel Subfamily P Member 2; Autosomal Dominant Polycystic Kidney Disease Type II Protein; Polycystic Kidney Disease 2 (Autosomal Dominant); Polycystin-2; Transient Receptor Potential Cation Channel, Subfamily P, Member 2; Polycystic Kidney Disease 2 Protein; Polycystin; R48321; APKD2

Background

Gene Name: PKD2

NCBI Gene Entry: [5311](#)

UniProt Entry: [Q13563](#)

Application Information

Molecular Weight: Predicted, 110 kDa; observed, 90 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB655

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human PKD2

Isotype

Mouse IgG1

Storage Buffer

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

Storage

Store at -20 °C for one year.

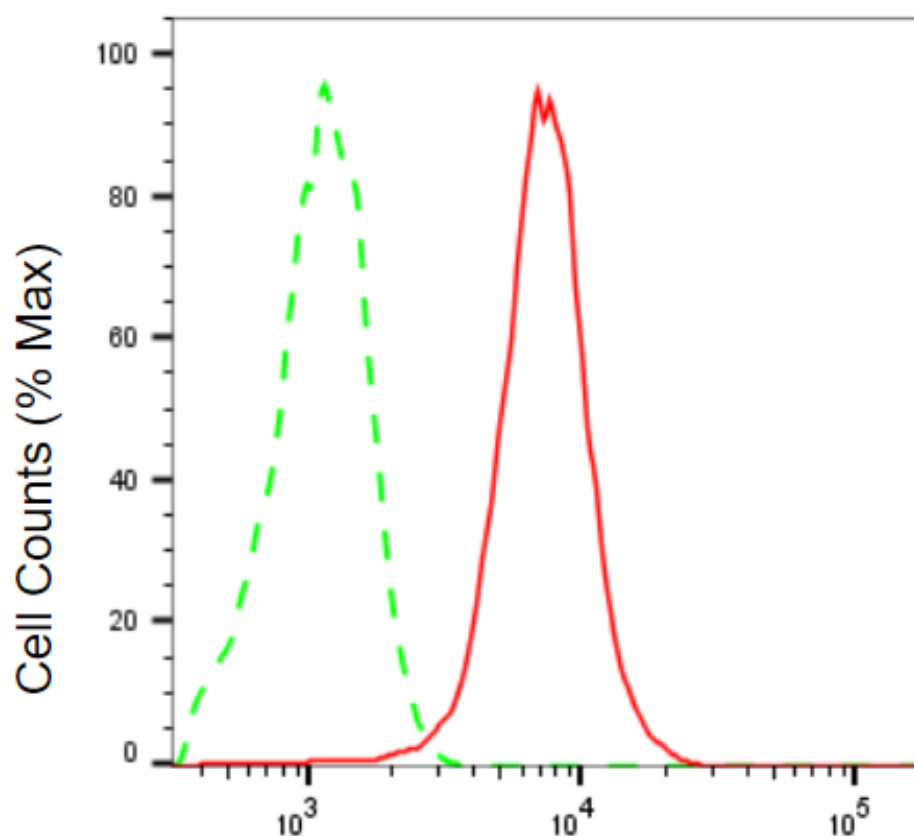
Recommended Dilutions

Western Blotting (WB): 1:400-1:2,000

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data



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PKD2-Alexa Fluor® 647

Flow cytometric analysis of PKD2 expression in HepG2 cells using anti-PKD2 antibody (Cat#5266, 1:2,000). Green, isotype control; red, PKD2.

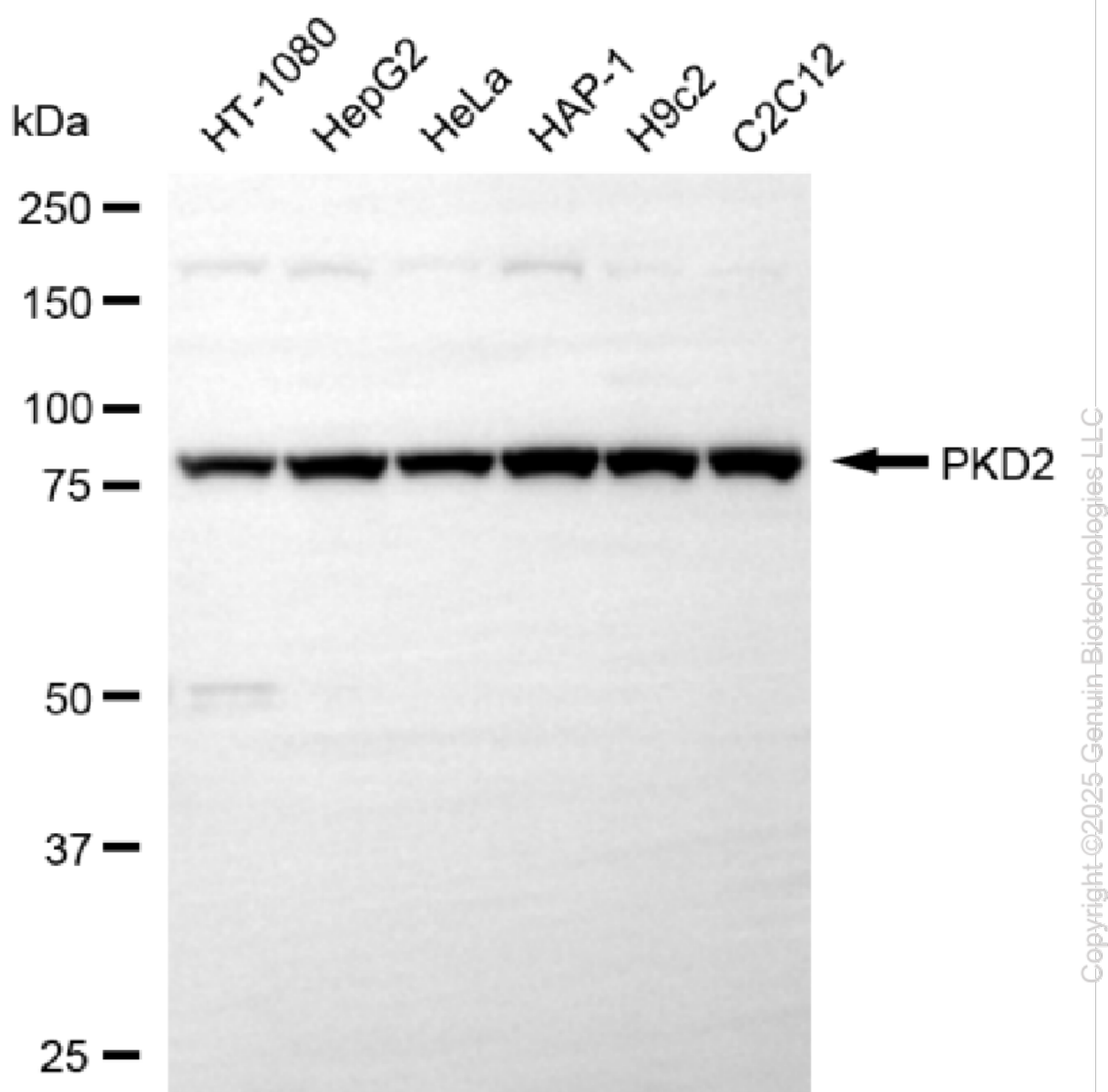
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Western blotting analysis using anti-PKD2 antibody (Cat#5266). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PKD2 antibody (Cat#5266, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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