

Anti-PRAS40 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4369

Aliases

AKT1S1; AKT1 Substrate 1; PRAS40; Lobe; 40 KDa Proline-Rich AKT Substrate; Proline-Rich AKT1 Substrate 1; MGC2865; Proline-Rich Akt Substrate, 40 KDa; AKT1 Substrate 1 (Proline-Rich); AKT1 Substrate 1 (Proline Rich)

Background

Gene Name: AKT1S1

NCBI Gene Entry: [84335](#)

UniProt Entry: [Q96B36](#)

Application Information

Molecular Weight: Predicted, 27 kDa; observed, 40 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10875

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human AKT1S1

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

Note: This product is for research use only.

Validation Data

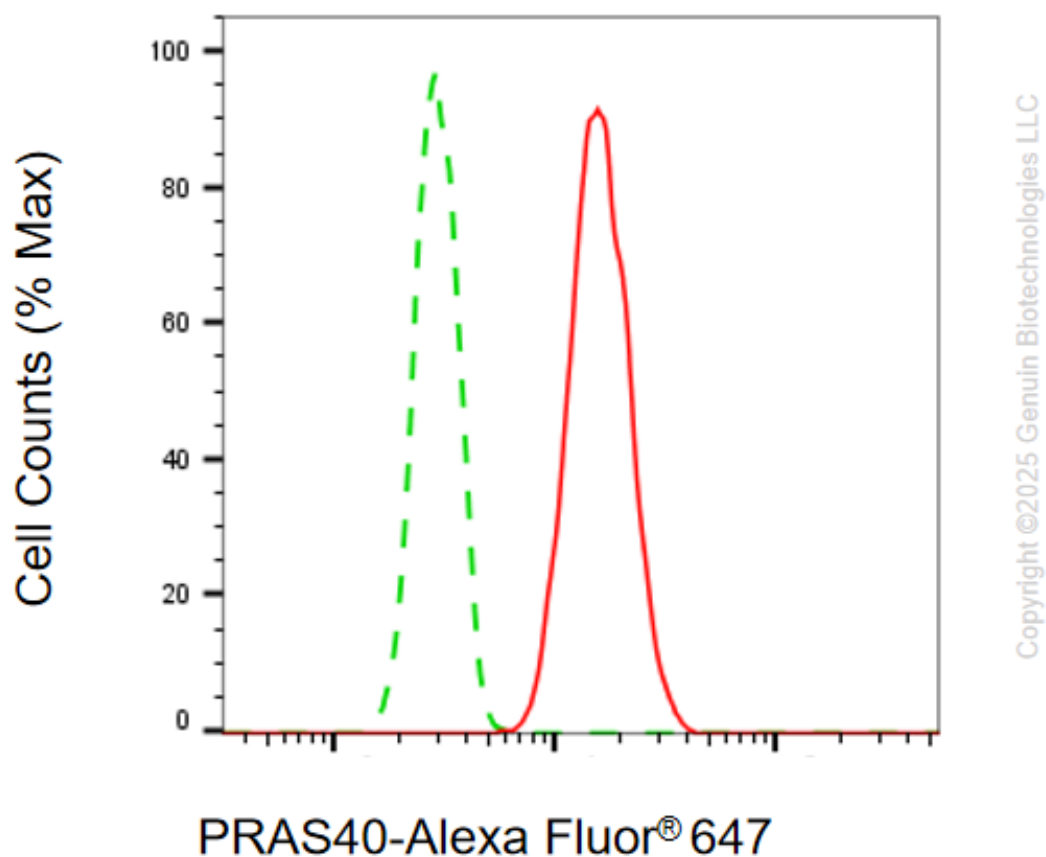
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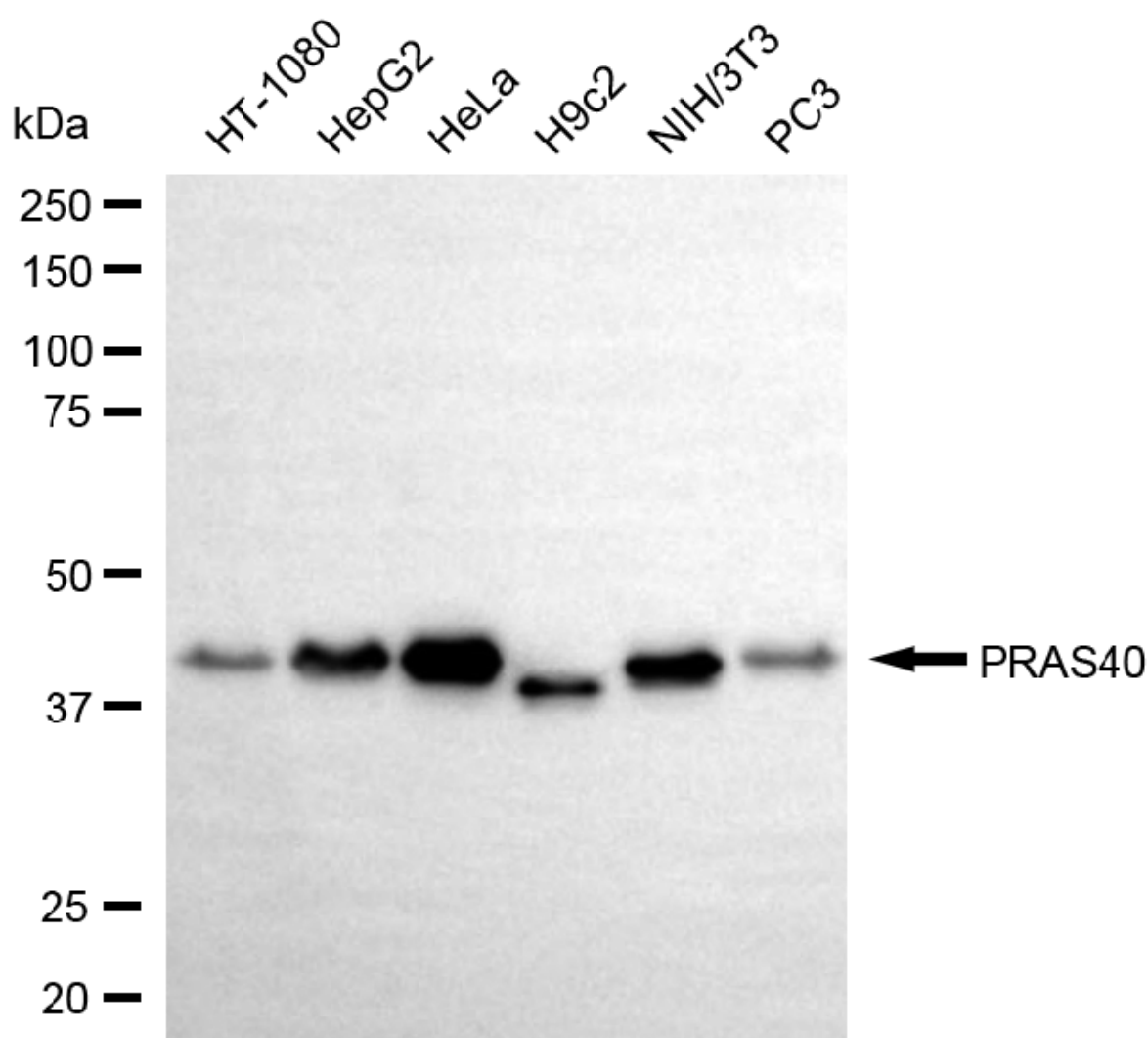
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Flow cytometric analysis of PRAS40 expression in HT-1080 cells using anti-PRAS40 antibody (Cat#4369, 1:2,000). Green, isotype control; red, PRAS40.



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Western blotting analysis using anti-PRAS40 antibody (Cat#4369). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PRAS40 antibody (Cat#4369, 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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