

KD-Validated Anti-PIK3R4 Rabbit Monoclonal Antibody



Catalog #: 65244

Aliases

PIK3R4; Phosphoinositide-3-Kinase Regulatory Subunit 4; VPS15; P150; Phosphoinositide 3-Kinase Regulatory Subunit 4; Phosphoinositide 3-Kinase Adaptor Protein; PI3-Kinase Regulatory Subunit 4; PI3-Kinase P150 Subunit; EC 2.7.11.1; Phosphoinositide-3-Kinase, Regulatory Subunit 4, P150; Phosphoinositide-3-Kinase, Regulatory Subunit 4; Phosphatidylinositol 3-Kinase-Associated P150

Background

Gene Name: PIK3R4

NCBI Gene Entry: [30849](#)

UniProt Entry: [Q99570](#)

Application Information

Molecular Weight: Predicted, 153 kDa; observed, 149 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB325

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human PIK3R4

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): 1:1,000

SUPPORT

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ORDERS

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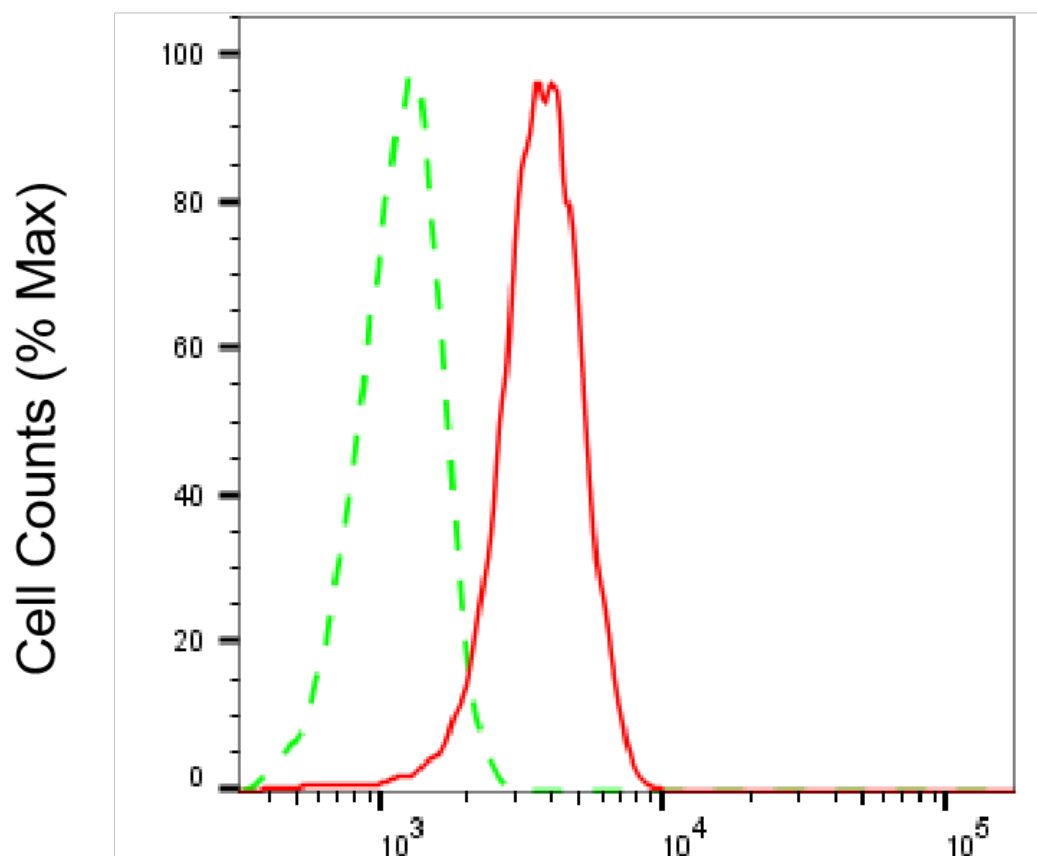
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PAGE 2

Note: This product is for research use only.

Validation Data



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PIK3R4-Alexa Fluor® 647

Flow cytometric analysis of PIK3R4 expression in HepG2 cells using anti-PIK3R4 antibody (Cat#65244, 1:2,000). Green, isotype control; red, PIK3R4.

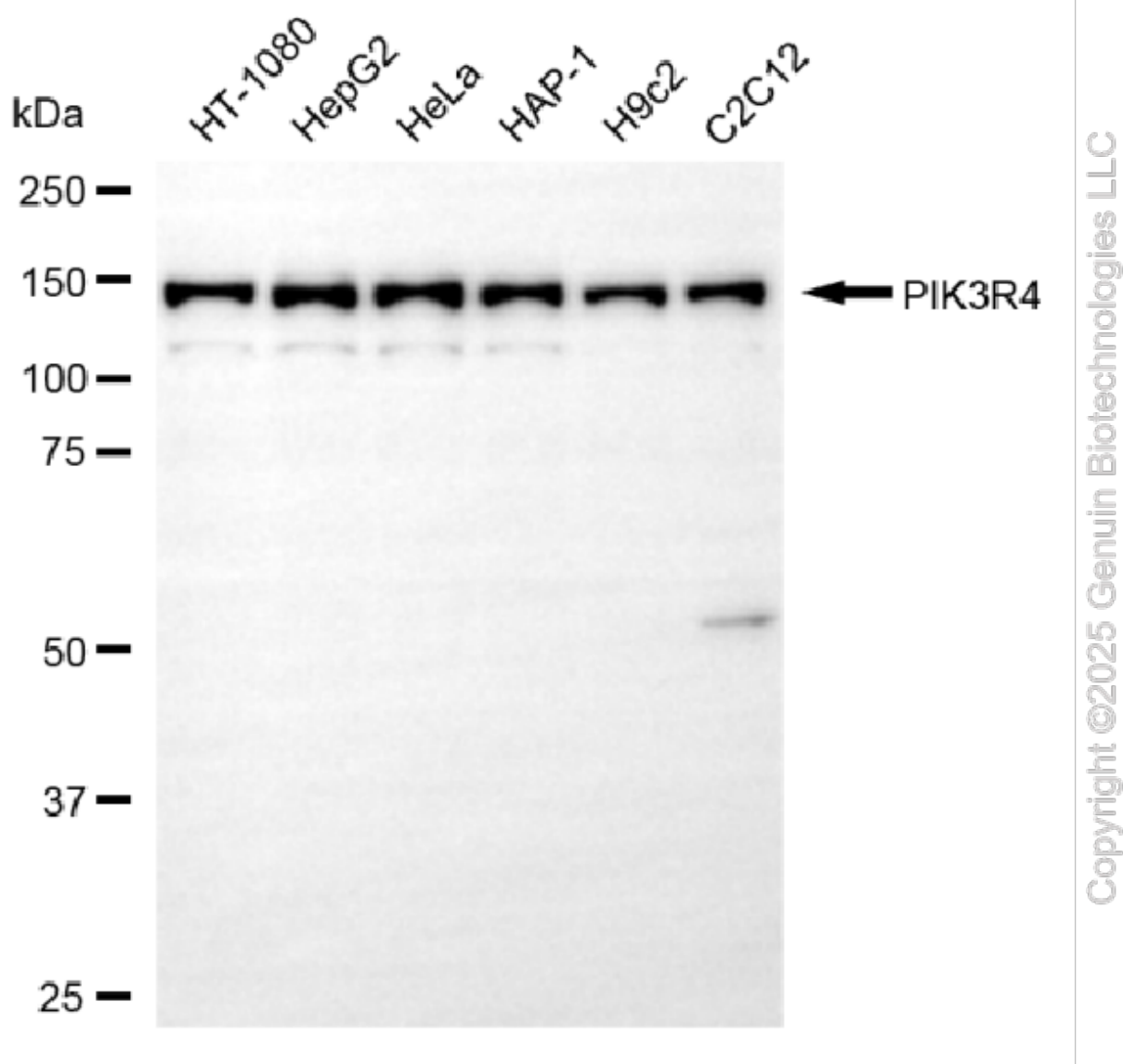
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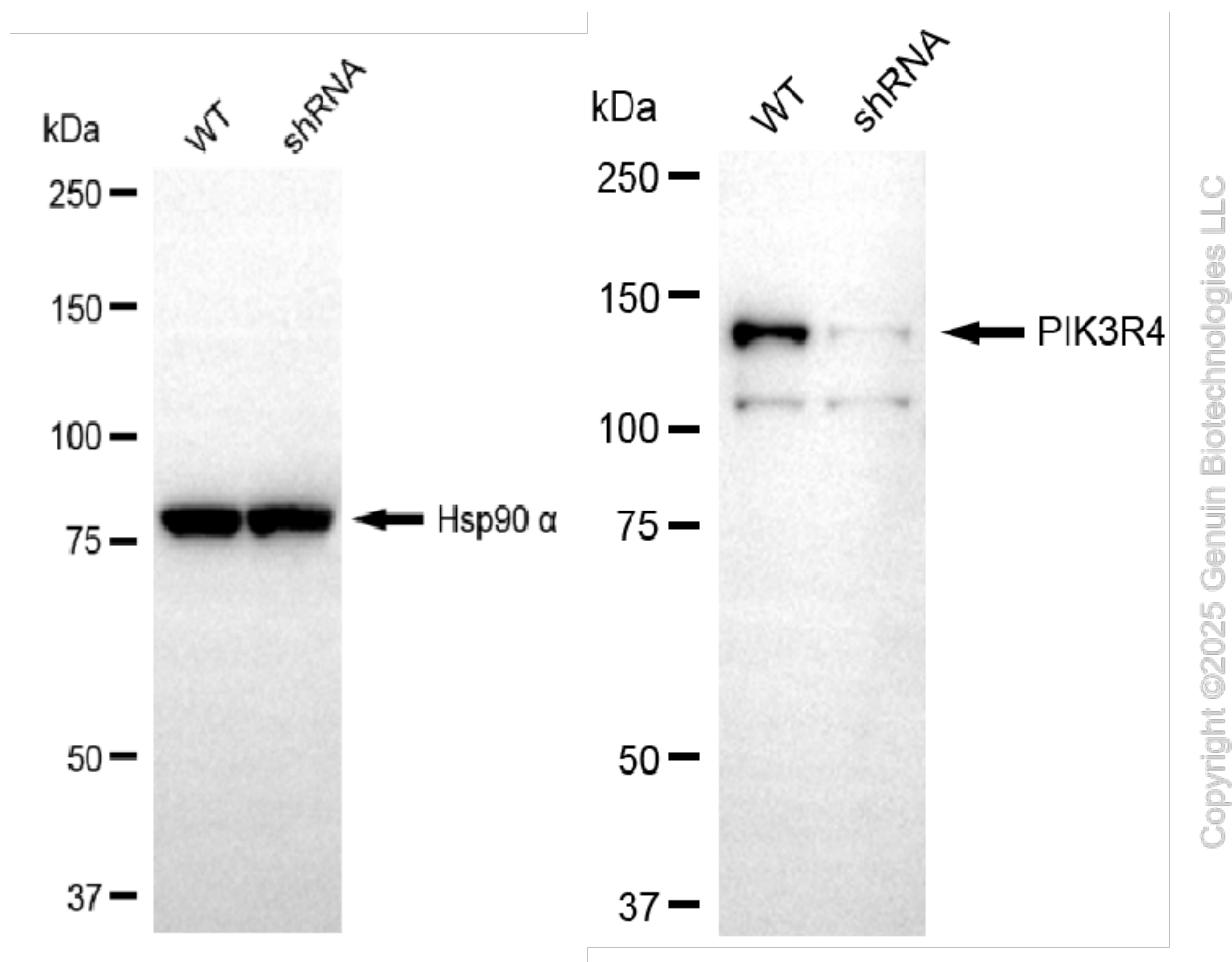
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Western blotting analysis using anti-PIK3R4 antibody (Cat#65244). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PIK3R4 antibody (Cat#65244, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-PIK3R4 antibody (Cat#65244). PIK3R4 expression in wild-type (WT) and PIK3R4 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PIK3R4 antibody (Cat#65244, 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).