

KD-Validated Anti-AKT3 Mouse Monoclonal Antibody



Catalog #: 61774

Aliases

AKT3; AKT Serine/Threonine Kinase 3; PKBG; RAC-Gamma; PRKBG; RAC-Gamma Serine/Threonine-Protein Kinase; RAC-PK-Gamma; EC 2.7.11.1; PKB Gamma; STK-2; V-Akt Murine Thymoma Viral Oncogene Homolog 3 (Protein Kinase B, Gamma); V-Akt Murine Thymoma Viral Oncogene Homolog 3; RAC-Gamma Serine/Threonine Protein Kinase; Protein Kinase B, Gamma; Protein Kinase B Gamma; Protein Kinase Akt-3; PKB-GAMMA; EC 2.7.11; MPPH2; MPPH

Background

Gene Name: AKT3

NCBI Gene Entry: [10000](#)

UniProt Entry: [Q9Y243](#)

Application Information

Molecular Weight: Predicted, 56 kDa, observed, 56 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB3680

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human AKT3

Isotype

Mouse IgG3

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): 1:200-1:1,000

Flow Cytometry (FCM): 1:2,000

SUPPORT

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ORDERS

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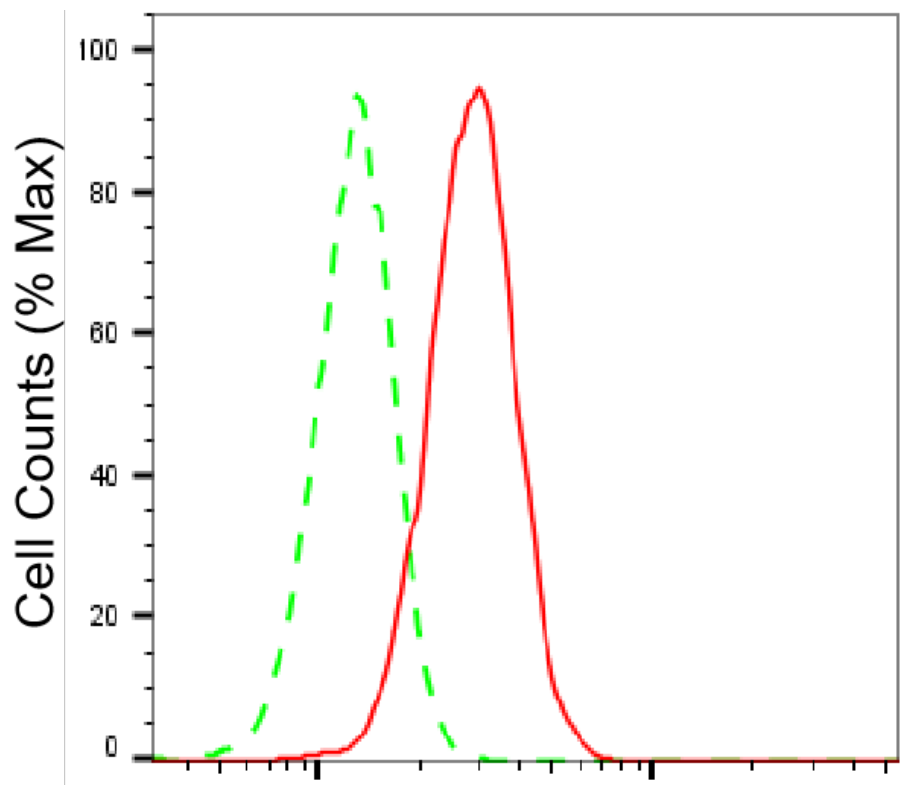
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Note: This product is for research use only.

Validation Data



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AKT3-Alexa Fluor® 647

Flow cytometric analysis of AKT3 expression in C2C12 cells using anti-AKT3 antibody (Cat#61774, 1:2,000). Green, isotype control; red, AKT3.

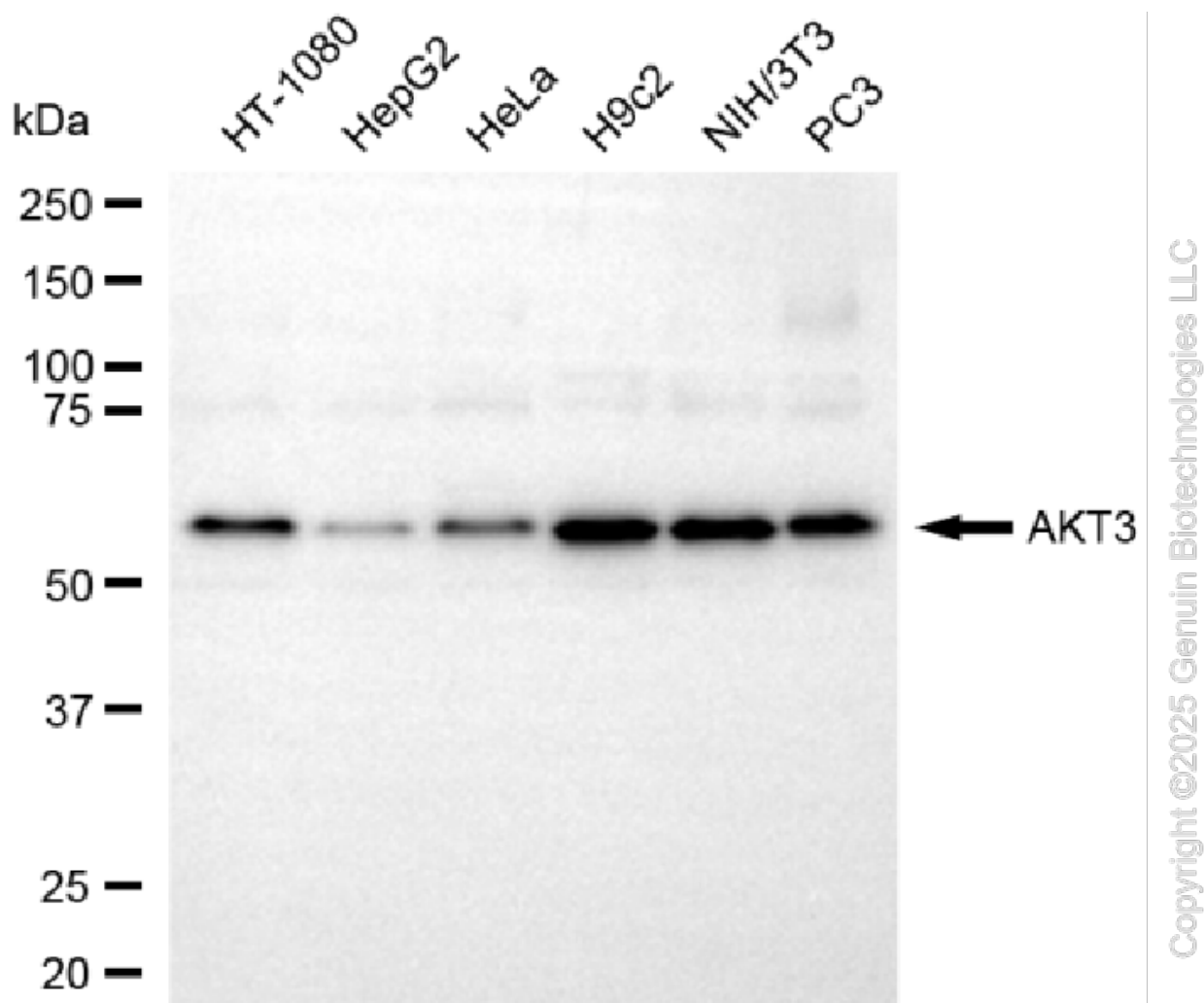
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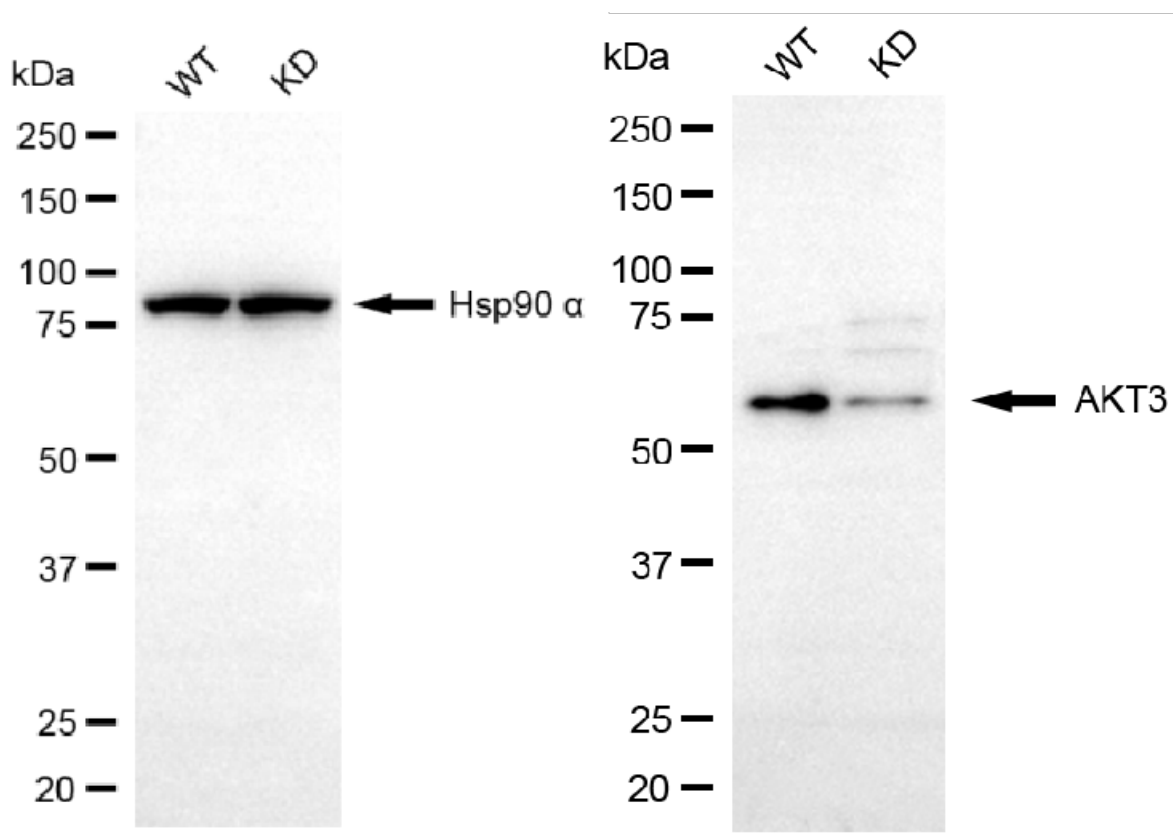
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Western blotting analysis using anti-AKT3 antibody (Cat#61774). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AKT3 antibody (Cat#61774, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



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Western blotting analysis using anti-AKT3 antibody (Cat#61774). AKT3 expression in wild-type (WT) and AKT3 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-AKT3 antibody (Cat#61774, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).