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[KD-Validated] Anti-Phospho-AKT1 (S124) Rabbit Monoclonal Antibody

Cat No.: KD-10058

Aliases:

AKT1; AKT Serine/Threonine Kinase 1; RAC; PKB; PRKBA; AKT; V-Akt Murine Thymoma Viral Oncogene Homolog 1; RAC-Alpha Serine/Threonine-Protein Kinase; Protein Kinase B Alpha; Proto-Oncogene C-Akt; Protein Kinase B; RAC-PK-Alpha; EC 2.7.11.1; RAC-ALPHA; PKB Alpha; V-Akt Murine Thymoma Viral Oncogene-Like Protein 1; Serine-Threonine Protein Kinase; Rac Protein Kinase Alpha; RAC-Alpha; PKB-ALPHA; EC 2.7.11; AKT1m

Background:

UniProt Entry: P31749; NCBI Gene Entry: [207](#)

Application Information

Molecular Weight: Predicted, 56 kDa, observed, 60 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB1180 Species Reactivity: Human, Mouse, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human AKT1

Isotype

Rabbit IgG

Storage Buffer

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

Storage

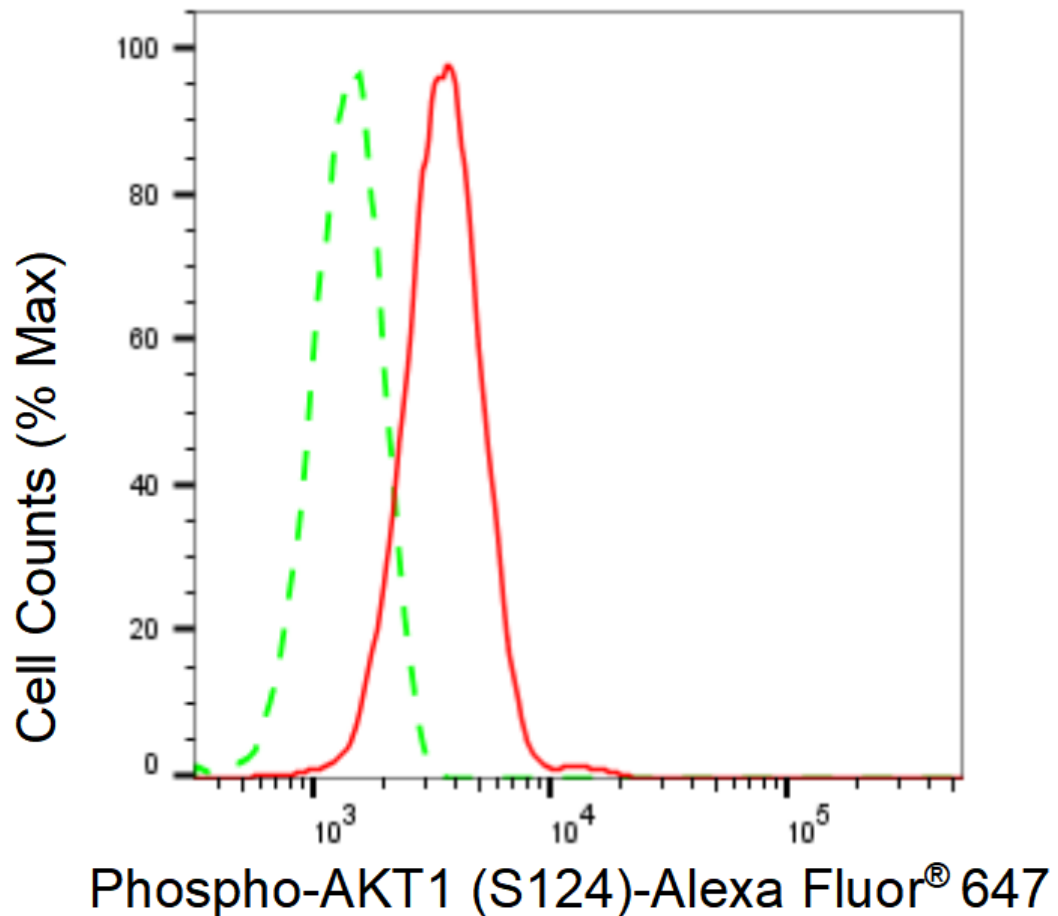
Store at -20 °C for one year.

Recommended Dilutions

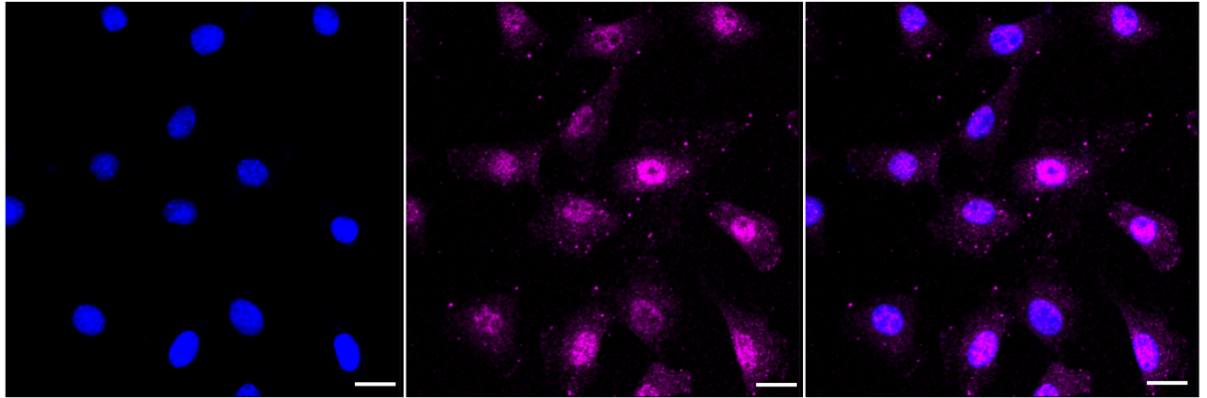
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

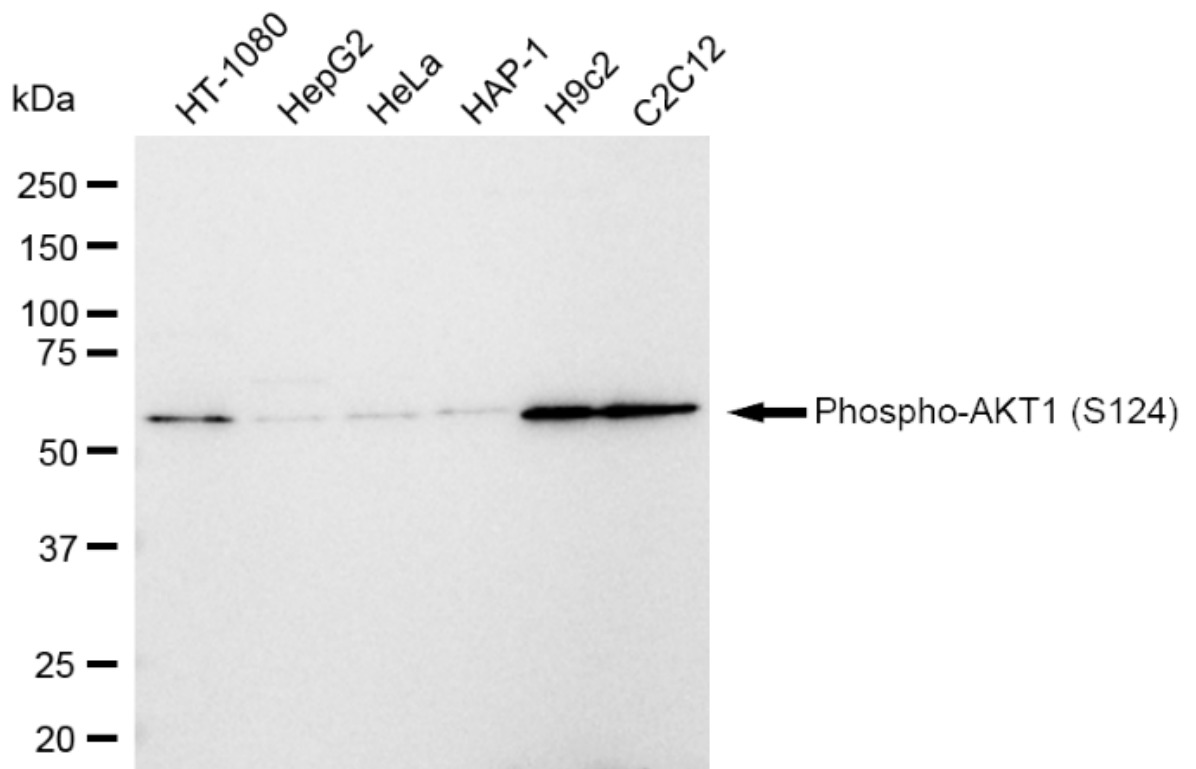
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



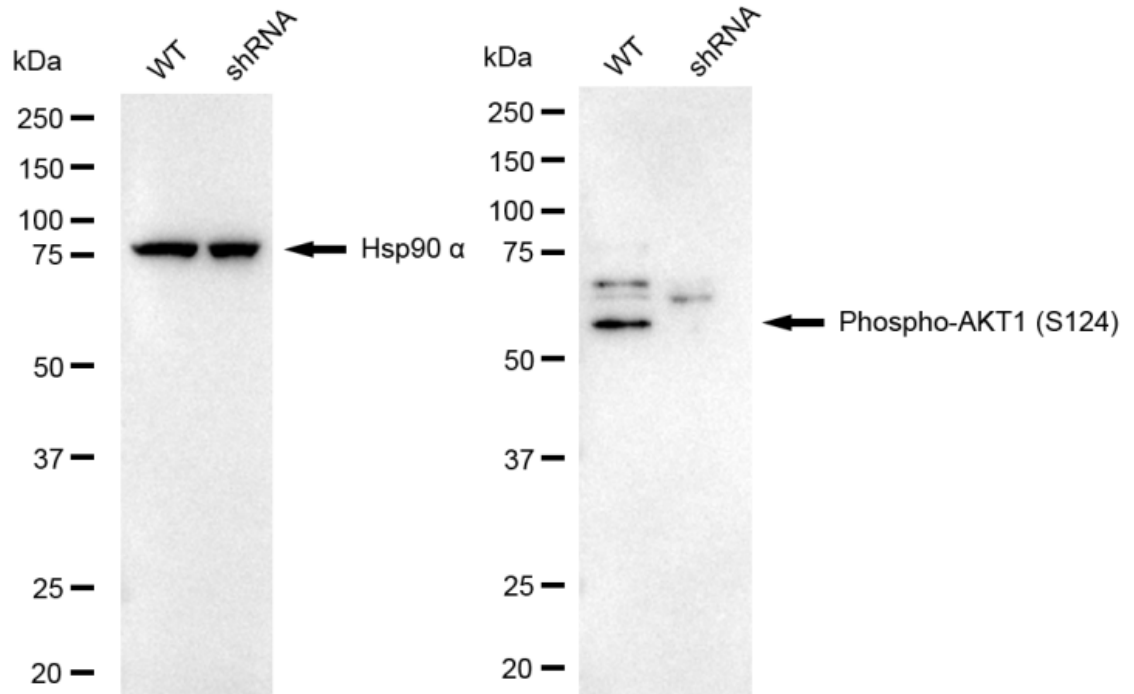
Flow cytometric analysis of Phospho-AKT1 (S124) expression in C2C12 cells using Phospho-AKT1 (S124) antibody 1:2,000. Green, isotype control; red, Phospho-AKT1 (S124).



Immunocytochemical staining of C2C12 cells with Phospho-AKT1 (S124) antibody 1:1,000. Nuclei were stained blue with DAPI; Phospho-AKT1 (S124) 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 μ m.



Western blotting analysis using anti-Phospho-AKT1 (S124) antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-phospho-AKT1 (S124) antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit .