

KD-Validated Anti-PIK3C2A Mouse Monoclonal Antibody



Catalog #: 65052

Aliases

PIK3C2A; Phosphatidylinositol-4-Phosphate 3-Kinase Catalytic Subunit Type 2 Alpha; Phosphatidylinositol 4-Phosphate 3-Kinase C2 Domain-Containing Subunit Alpha; PI3K-C2alpha; Phosphoinositide-3-Kinase, Class 2, Alpha Polypeptide; Phosphoinositide 3-Kinase-C2-Alpha; PtdIns-3-Kinase C2 Subunit Alpha; PI3K-C2-Alpha; EC 2.7.1.154; Phosphatidylinositol-4-Phosphate 3-Kinase C2 Domain-Containing Subunit Alpha; Phosphatidylinositol-4-Phosphate 3-Kinase, Catalytic Subunit Type 2 Alpha; C2-Containing Phosphatidylinositol Kinase; PI3-K-C2(ALPHA); EC 2.7.1.137; EC 2.7.1.153; PI3-K-C2A; EC 2.7.1; OCSKD; CPK

Background

Gene Name: PIK3C2A

NCBI Gene Entry: [5286](#)

UniProt Entry: [O00443](#)

Application Information

Molecular Weight: Predicted, 191 kDa; observed, 191 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB14050

Species Reactivity: Human

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

Immunogen

Recombinant protein of human PIK3C2A

Isotype

Mouse IgG2a

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): 1:500-1:2,500

Immunocytochemistry (IC): 1:100-1:1,000

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM

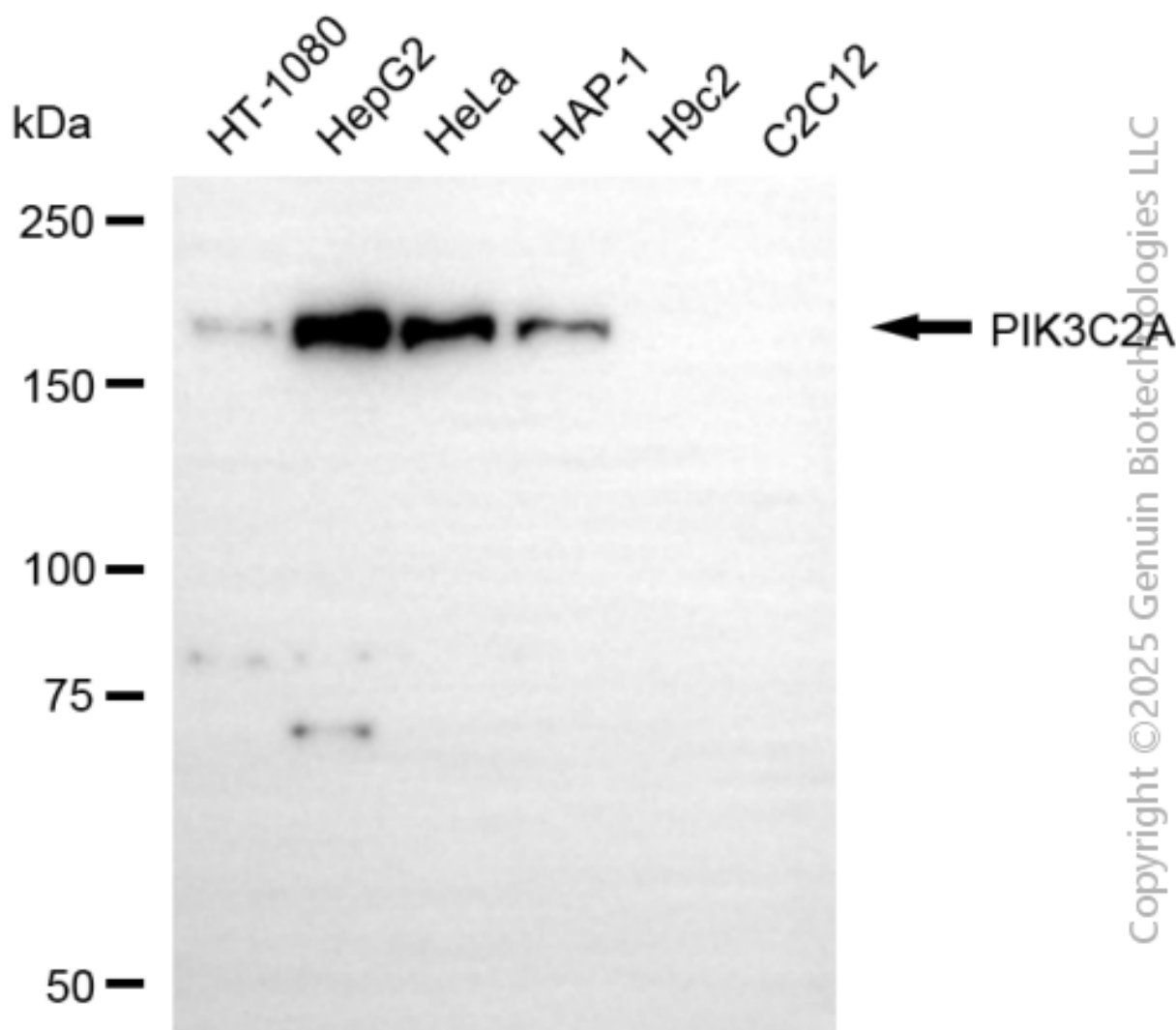
KD-Validated Anti-PIK3C2A Mouse Monoclonal Antibody

PAGE 2

Flow Cytometry (FCM): 1:1,000

Note: This product is for research use only.

Validation Data



Western blotting analysis using anti-PIK3C2A antibody (Cat#65052). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PIK3C2A antibody (Cat#65052, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

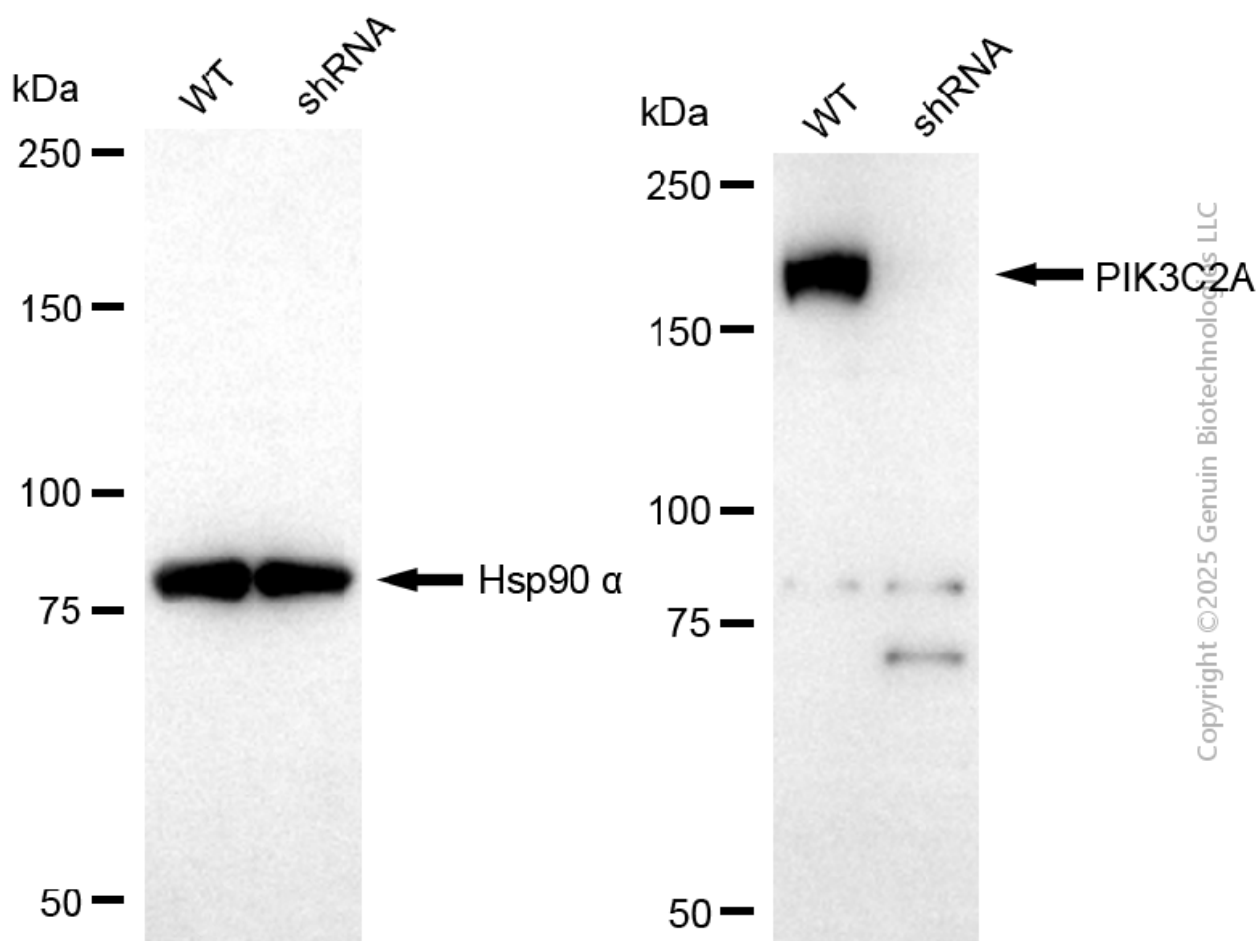
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

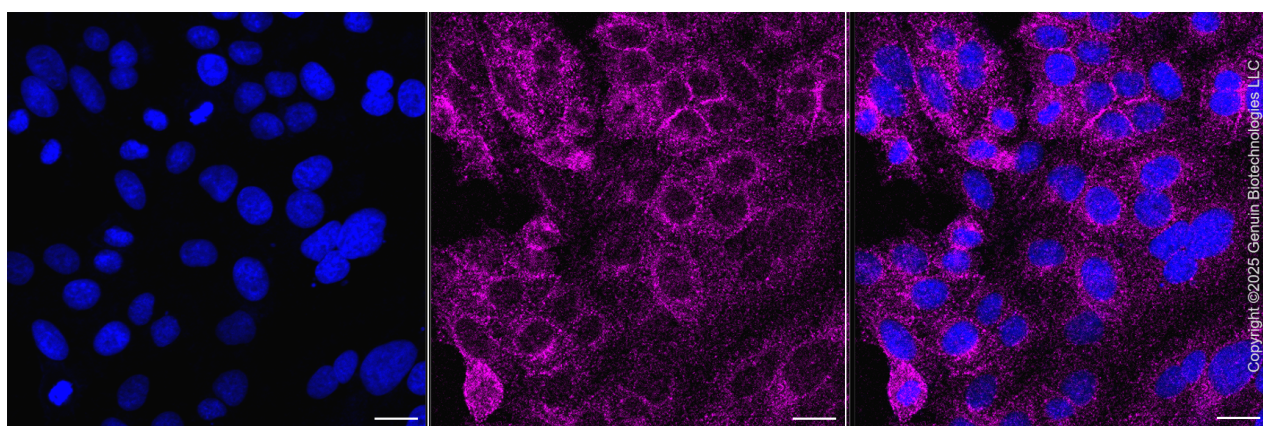
ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



Western blotting analysis using anti-PIK3C2A antibody (Cat#65052). PIK3C2A expression in wild-type (WT) and PIK3C2A 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-PIK3C2A antibody (Cat#65052, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

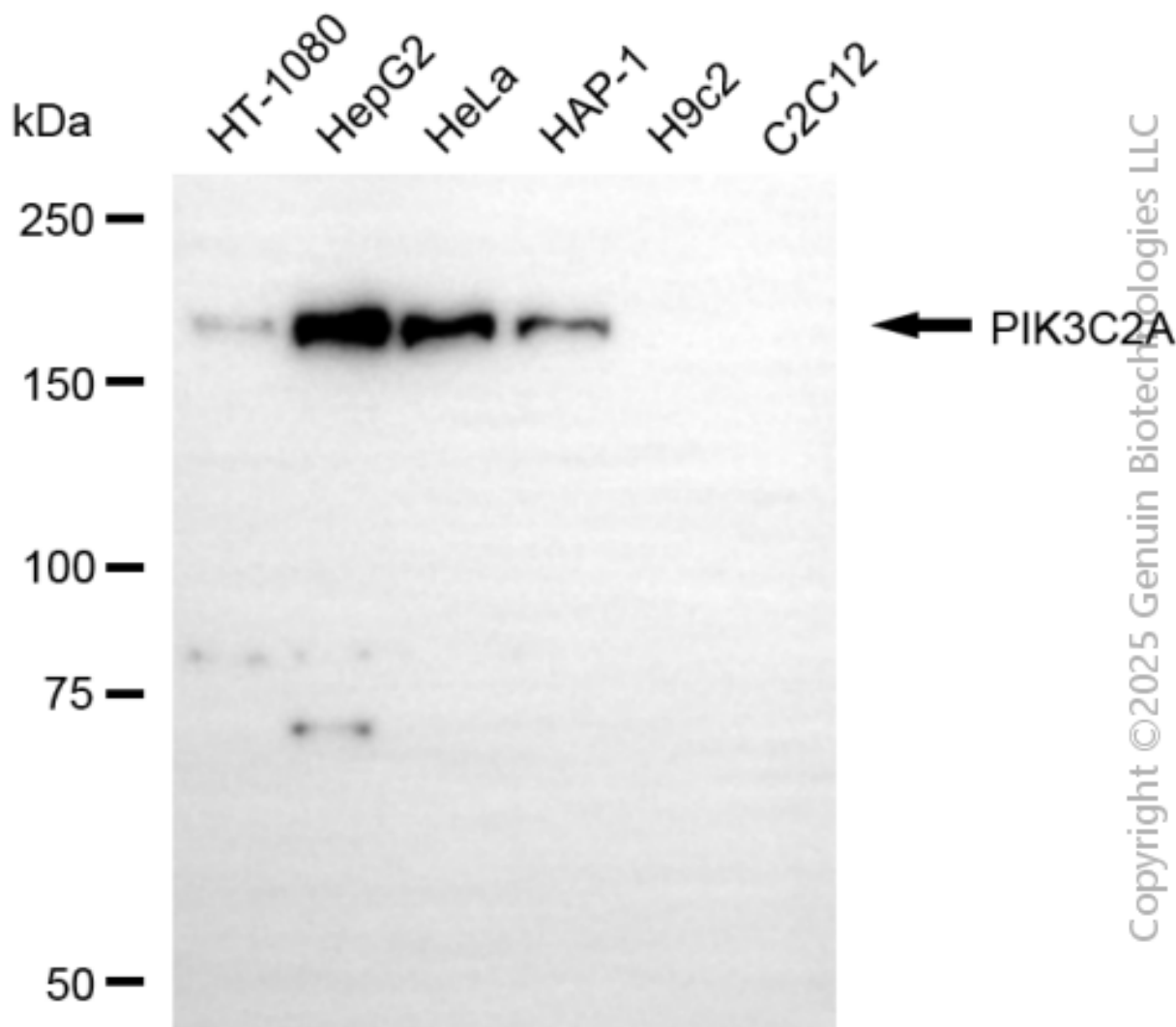


Immunocytochemical staining of HepG2 cells with anti-PIK3C2A antibody (Cat#65052, 1:1,000). Nuclei were stained blue with DAPI; PIK3C2A was stained magenta with Alexa Fluor® 647.

KD-Validated Anti-PIK3C2A Mouse Monoclonal Antibody

PAGE 4

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-PIK3C2A antibody (Cat#65052). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PIK3C2A antibody (Cat#65052, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

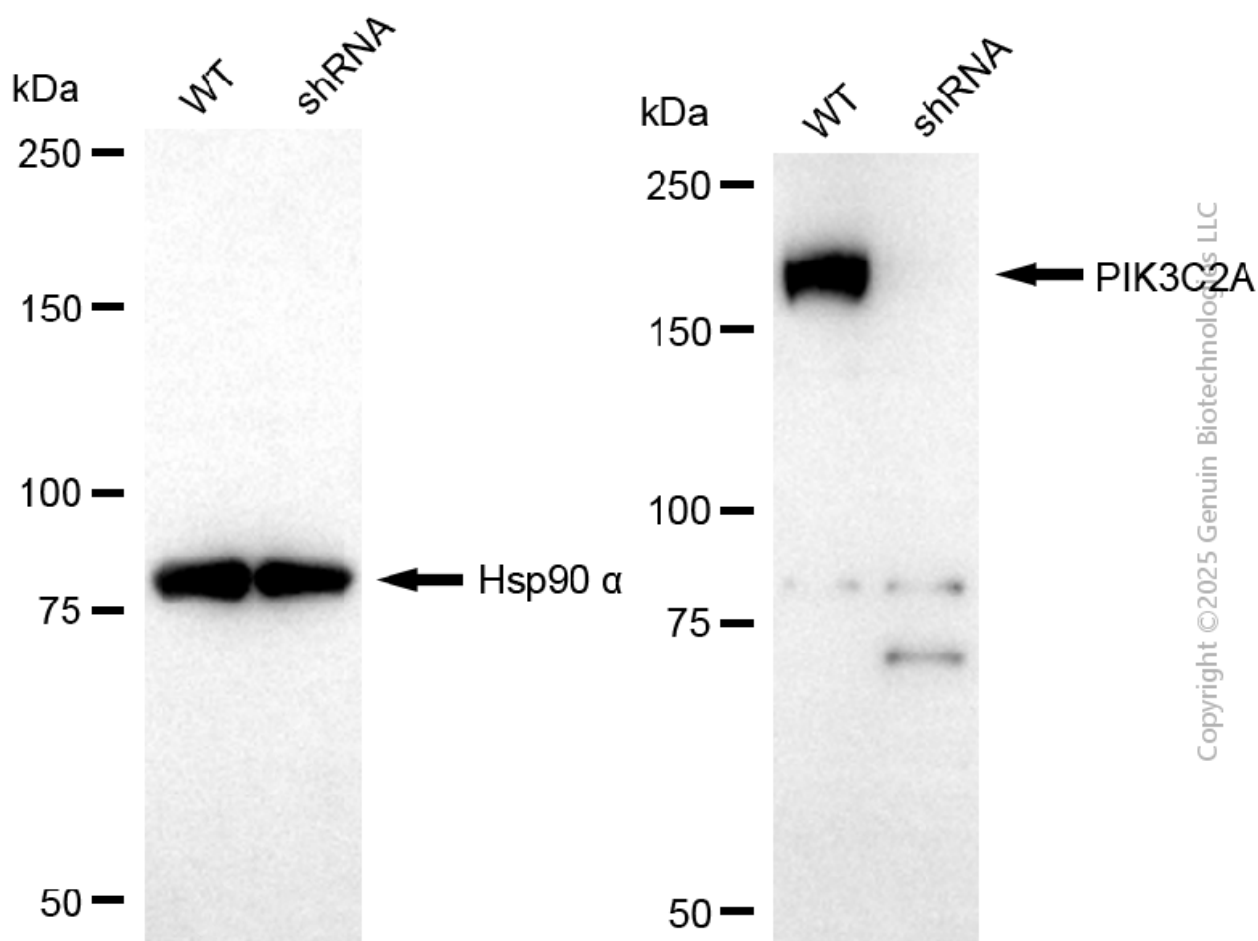
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

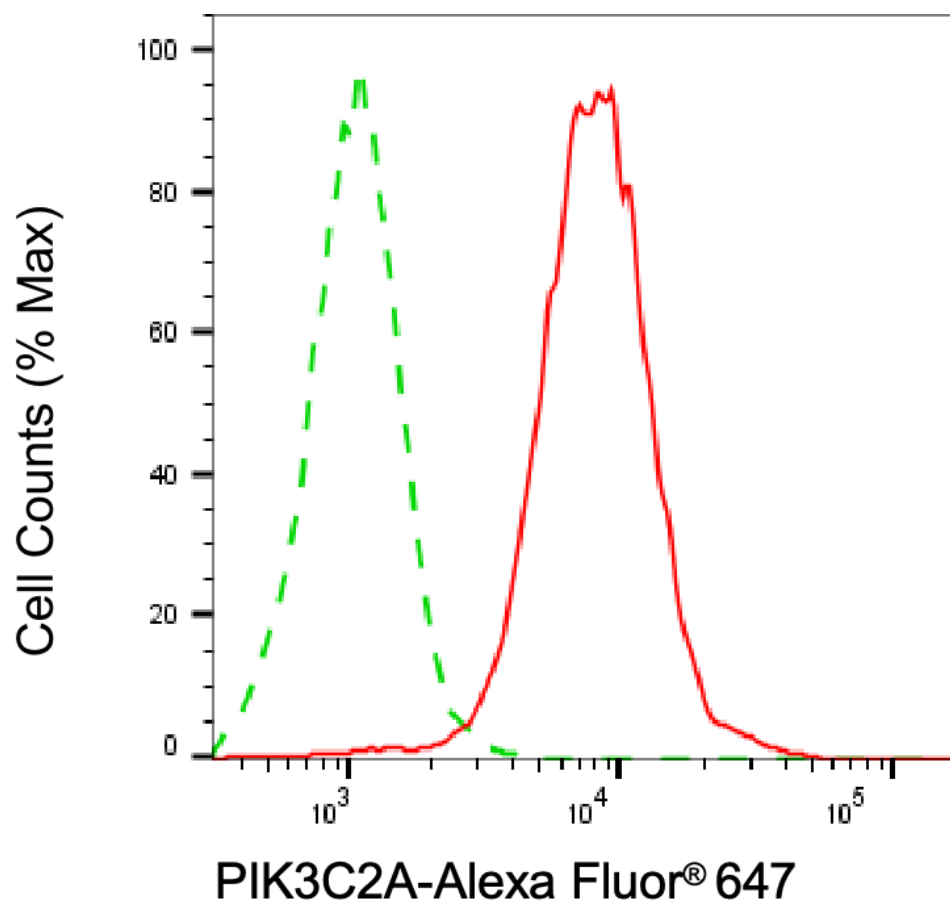
ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



Western blotting analysis using anti-PIK3C2A antibody (Cat#65052). PIK3C2A expression in wild-type (WT) and PIK3C2A 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-PIK3C2A antibody (Cat#65052, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Copyright ©2025 Genuin Biotechnologies LLC

Flow cytometric analysis of PIK3C2A expression in HepG2 cells using anti-PIK3C2A antibody (Cat#65052, 1:1,000). Green, isotype control; red, PIK3C2A.