

Anti-PI3 Kinase p85 alpha Recombinant Rabbit Monoclonal Antibody



Catalog #: 1291

Aliases

PIK3R1; Phosphoinositide-3-Kinase Regulatory Subunit 1; GRB1; P85-ALPHA; P85; Phosphatidylinositol 3-Kinase 85 KDa Regulatory Subunit Alpha; Phosphoinositide-3-Kinase, Regulatory Subunit 1 (Alpha); Phosphatidylinositol 3-Kinase Regulatory Subunit Alpha; Phosphoinositide-3-Kinase Regulatory Subunit Alpha; PtdIns-3-Kinase Regulatory Subunit Alpha; Growth Factor Receptor Bound 1; PI3K Regulatory Subunit Alpha; PI3-Kinase Subunit P85-Alpha; PI3 Kinase-Associated P85; P85alpha; Phosphatidylinositol 3-Kinase, Regulatory Subunit, Polypeptide 1 (P85 Alpha); Phosphatidylinositol 3-Kinase-Associated P-85 Alpha; PtdIns-3-Kinase Regulatory Subunit P85-Alpha; PI3-Kinase Regulatory Subunit Alpha; P85ALPHA; IMD36; AGM7

Background

Gene Name: PIK3R1

NCBI Gene Entry: [5295](#)

UniProt Entry: [P27986](#)

Application Information

Molecular Weight: Predicted, 84 kDa; observed, 75 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB2750

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human PI3 Kinase p85 alpha

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

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TEL: +1-540-855-7041

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

WWW.GENUINBIOTECH.COM

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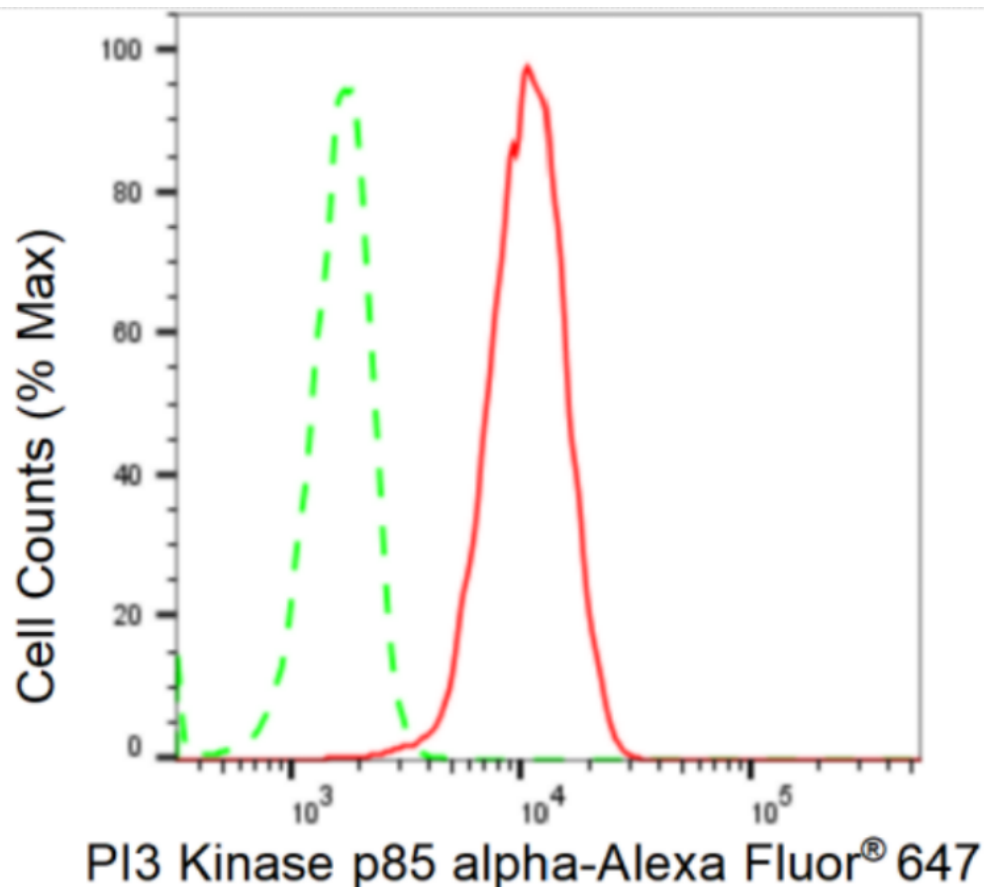
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of PI3 Kinase p85 alpha expression in C2C12 cells using PI3 Kinase p85 alpha antibody (Cat#1291, 1:2,000). Green, isotype control; red, PI3 Kinase p85 alpha.

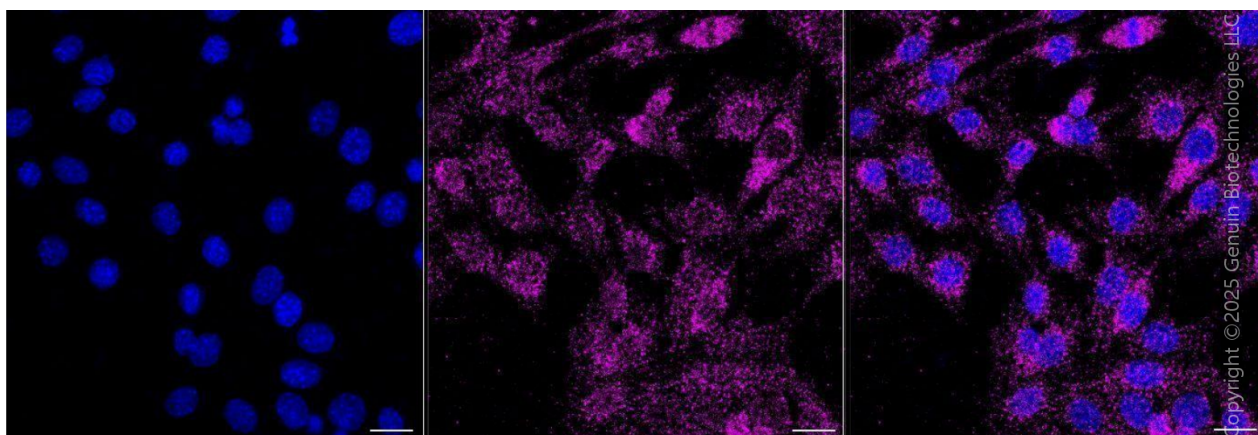
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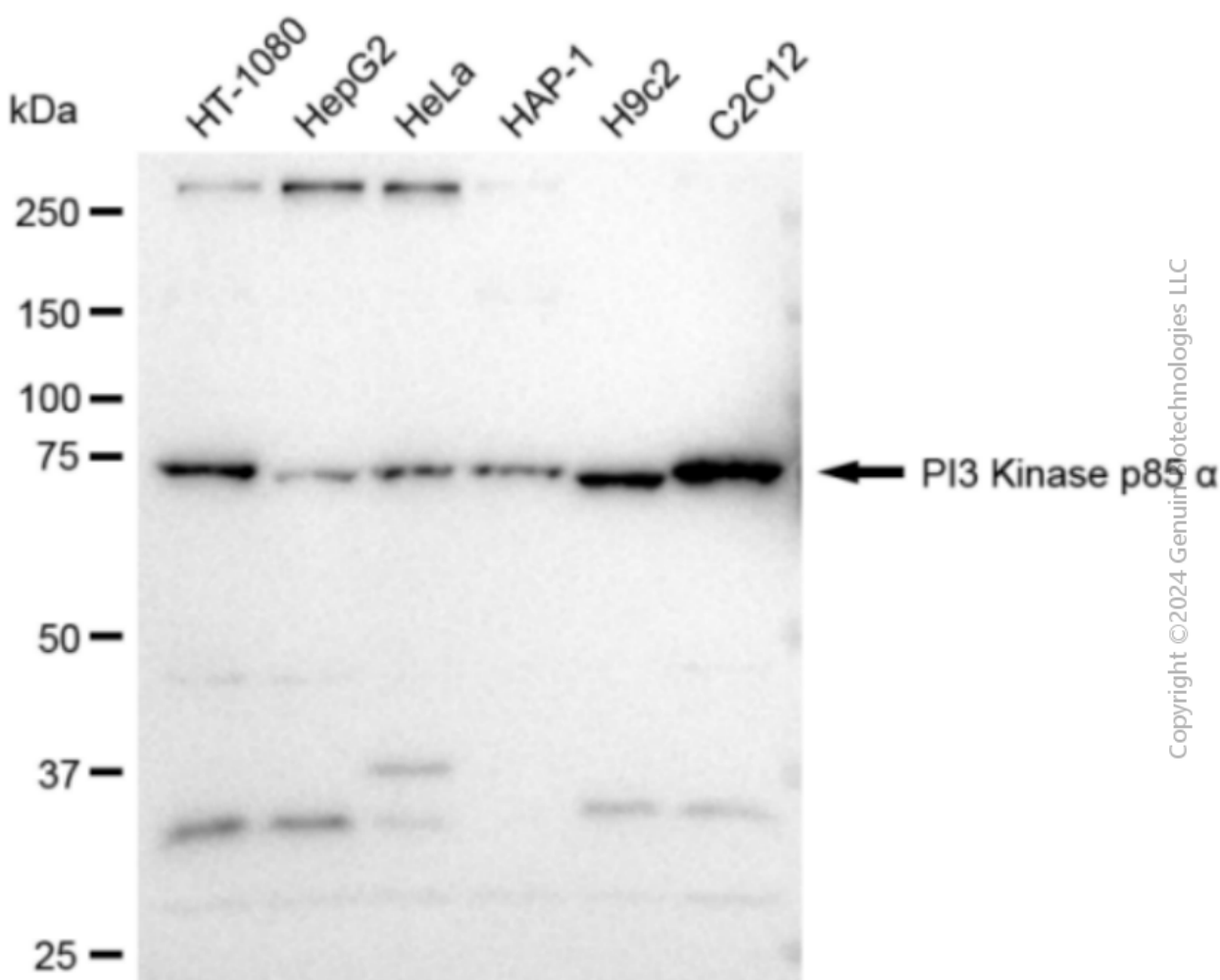
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Immunocytochemical staining of C2C12 cells with anti-PI3 Kinase p85 alpha antibody (Cat#1291, 1:1,000). Nuclei were stained blue with DAPI; PI3 Kinase p85 alpha was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-PI3 Kinase p85 alpha antibody (Cat#1291). Total cell lysates

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(30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PI3 Kinase p85 alpha antibody (Cat#1291, 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).

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