9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-PIK3C3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1656

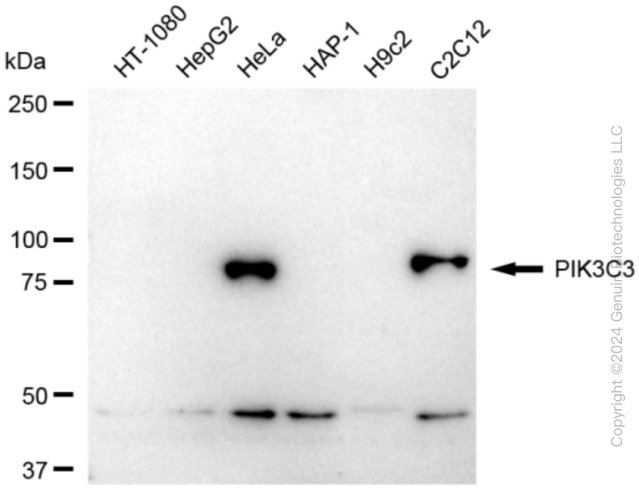
Product Overview

Name	KD-Validated Anti-PIK3C3 Rabbit Monoclonal Antibody
Accession(Primary)	Q8NEB9
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PI 3 Kinase Class 3
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 102 kDa , observed , 100 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (Q8NEB9)

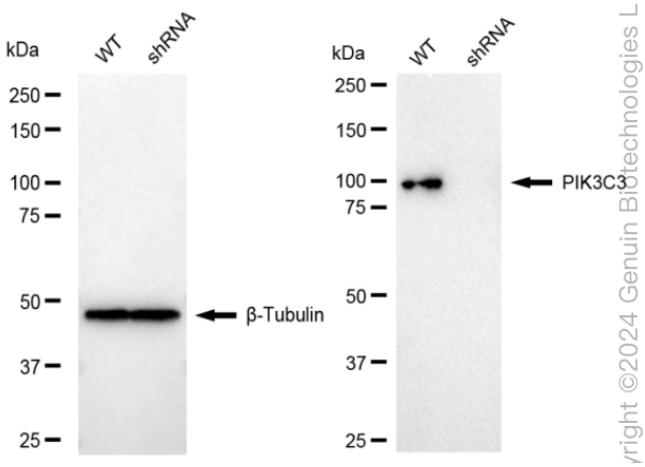
Gene Name	PIK3C3
About Gene Symbol	PIK3C3 (Phosphatidylinositol 3-Kinase Catalytic Subunit Type 3) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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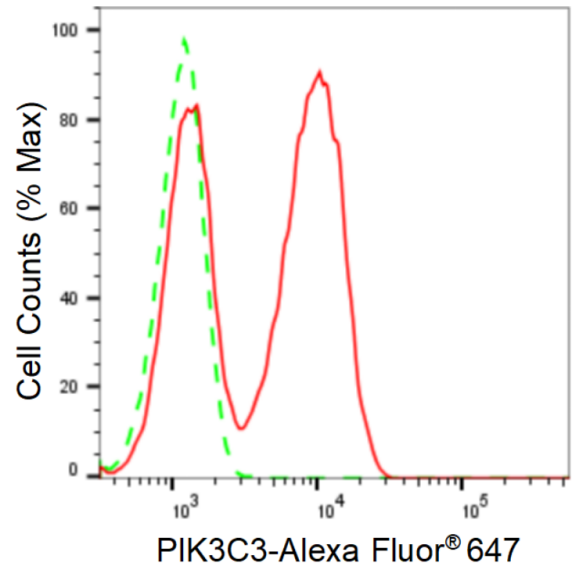
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Western blotting analysis using anti-PIK3C3 antibody (Cat#ABG1656). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PIK3C3 antibody (Cat#ABG1656, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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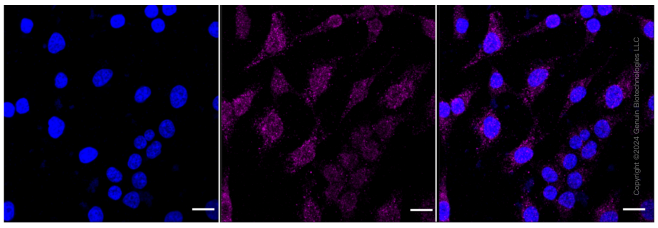
Western blotting analysis using anti-PIK3C3 antibody (Cat#ABG1656). PIK3C3 expression in wild type (WT) and PIK3C3 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-PIK3C3 antibody (Cat#ABG1656, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of PIK3C3 expression in HeLa cells using PIK3C3 antibody (Cat#ABG1656, 1:2,000). Green, isotype control; red, PIK3C3.

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Immunocytochemical staining of HeLa cells with anti-PIK3C3 antibody (Cat#ABG1656, 1:1,000). Nuclei were stained blue with DAPI; PIK3C3 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 µm.