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

KD-Validated Anti-PIK3R4 Rabbit Monoclonal Antibody

Rabbit monoclonal Antibody

ABG2215

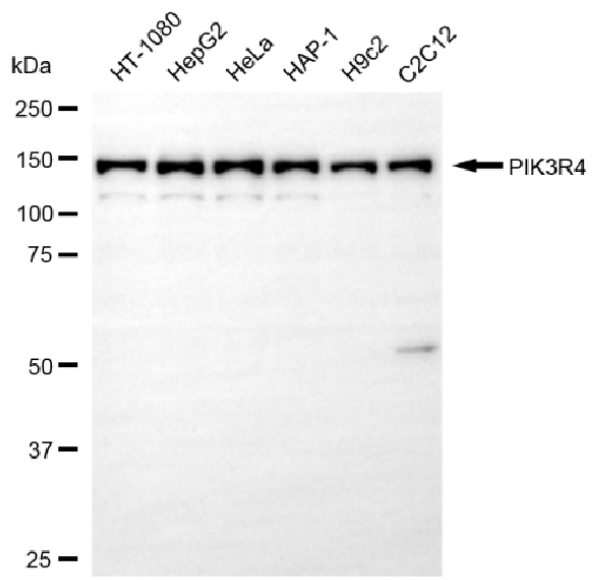
Product Overview

Name	KD-Validated Anti-PIK3R4 Rabbit Monoclonal Antibody
Accession(Primary)	Q99570
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PIK3R4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 153 kDa, observed, 149 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:1,000

Target information (Q99570)

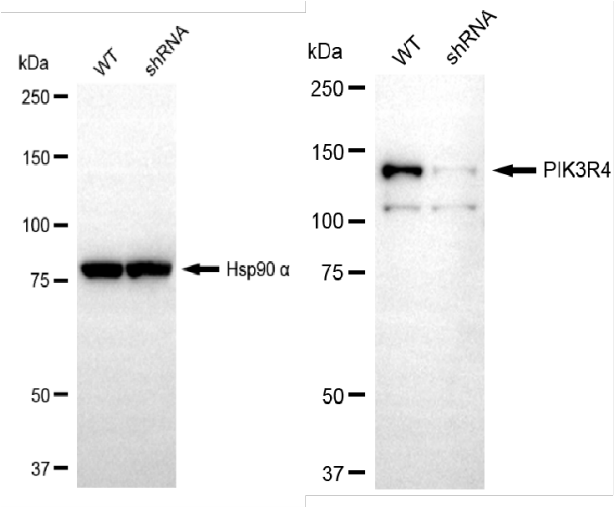
Gene Name	PIK3R4
About Gene Symbol	PIK3R4 (Phosphoinositide-3-Kinase Regulatory Subunit 4) is a signaling adaptor protein involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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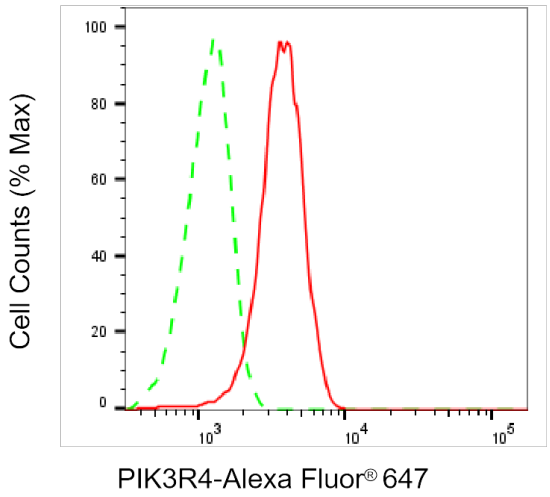
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Western blotting analysis using anti-PIK3R4 antibody (Cat#ABG2215). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PIK3R4 antibody (Cat#ABG2215, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-PIK3R4 antibody (Cat#ABG2215). PIK3R4 expression in wild-type (WT) and PIK3R4 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PIK3R4 antibody (Cat#ABG2215, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of PIK3R4 expression in HepG2 cells using anti-PIK3R4 antibody (Cat#ABG2215, 1:2,000). Green, isotype control; red, PIK3R4.