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

KD-Validated Anti-RPS6KA1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1049

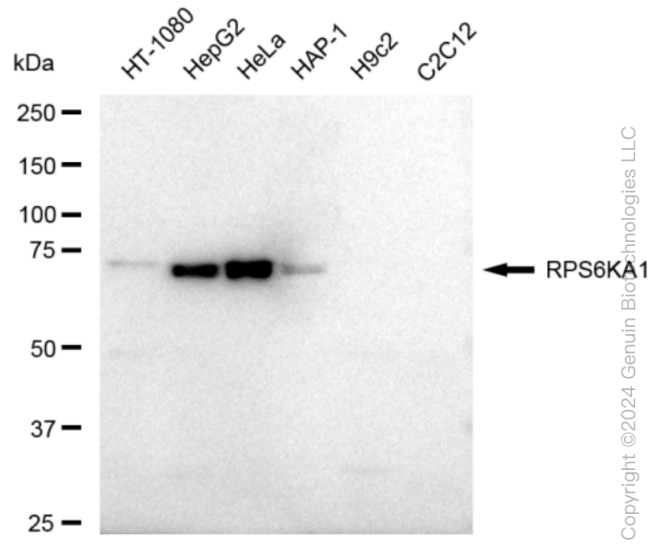
Product Overview

Name	KD-Validated Anti-RPS6KA1 Rabbit Monoclonal Antibody
Accession(Primary)	Q15418
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human RSK1 p90
Species Reactivity	Human
Calculated MW	Predicted, 83 kDa, observed, 83 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q15418)

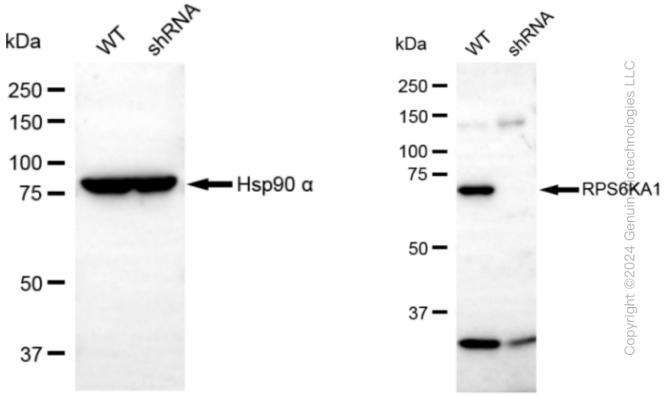
Gene Name	RPS6KA1
About Gene Symbol	RPS6KA1 (Ribosomal Protein S6 Kinase A1) is a mitogen-activated protein kinase involved in MAPK/ERK signaling and translational regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied

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



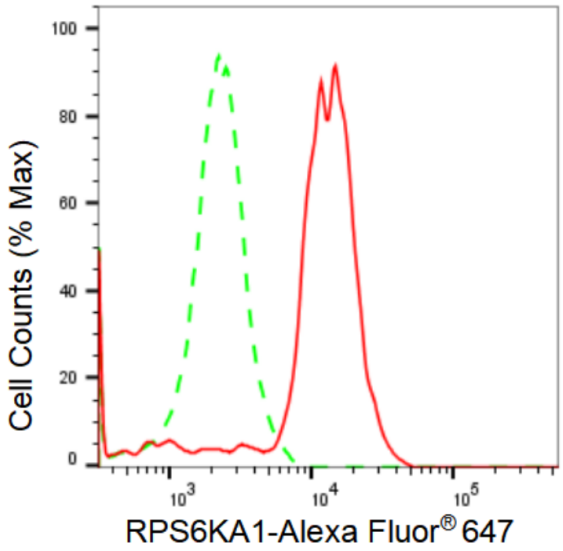
Copyright ©2024 Genuin Biotechnologies LLC

Western blotting analysis using anti-RPS6KA1 antibody (Cat#ABG1049). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RPS6KA1 antibody (Cat#ABG1049, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

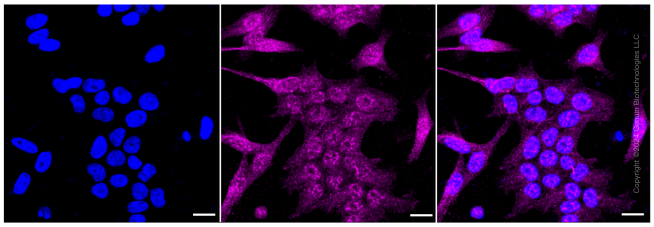
Western blotting analysis using anti-RPS6KA1 antibody (Cat#ABG1049). RPS6KA1 expression in wild type (WT) and RPS6KA1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-RPS6KA1 antibody (Cat#ABG1049, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of RPS6KA1 expression in HeLa cells using RPS6KA1 antibody (Cat#ABG1049, 1:2,000). Green, isotype control; red, RPS6KA1.

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



Immunocytochemical staining of Hela cells with RPS6KA1 antibody (Cat#ABG1049, 1:1,000). Nuclei were stained blue with DAPI; RPS6KA1 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.