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

KD-Validated Anti-RAC3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1077

Product Overview

Name	KD-Validated Anti-RAC3 Rabbit Monoclonal Antibody
Accession(Primary)	P60763
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human RAC3
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 21 kDa, observed, 21 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 (P60763)

Gene Name	RAC3
About Gene Symbol	RAC3 (Rac Family Small GTPase 3) is a small GTPase 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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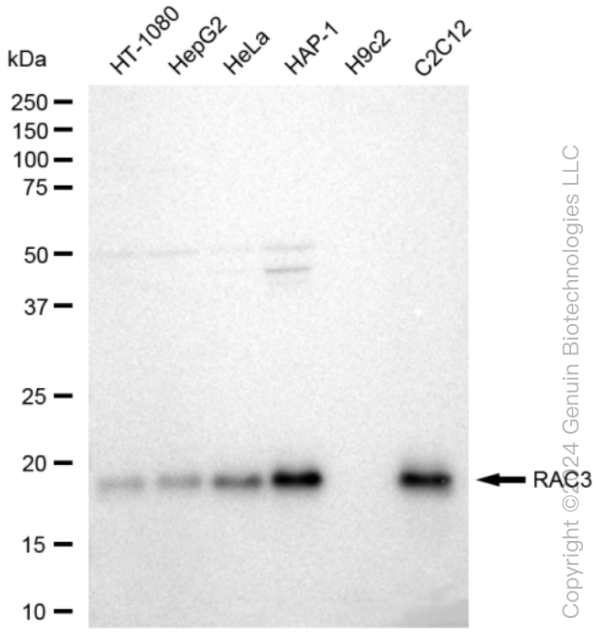

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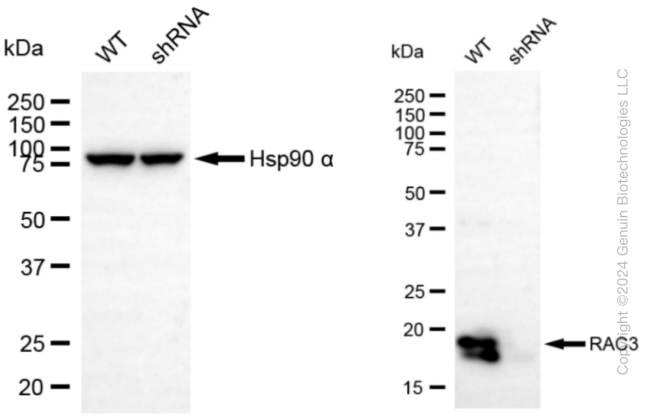
Western blotting analysis using anti-RAC3 antibody (Cat#ABG1077). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PSMB10 antibody (Cat#ABG1077, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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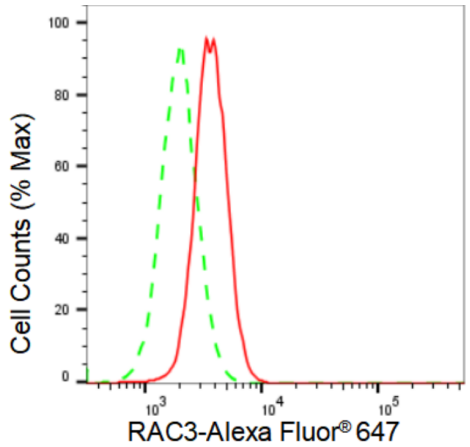
Western blotting analysis using anti-RAC3 antibody (Cat#ABG1077). RAC3 expression in wild type (WT) and RAC3 shRNA knockdown (KD) Hela cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-RAC3 antibody (Cat#ABG1077, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of RAC3 expression in HAP-1 cells using RAC3 antibody (Cat#ABG1077, 1:2,000). Green, isotype control; red, RAC3.

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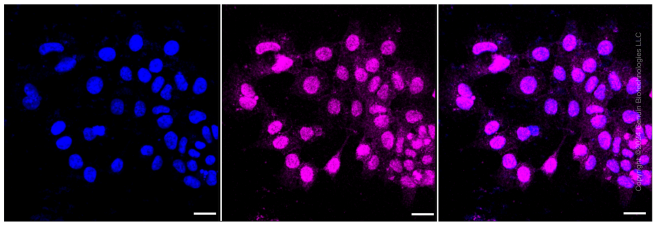

Immunocytochemical staining of HAP-1 cells with RAC3 antibody (Cat#ABG1077, 1:1,000). Nuclei were stained blue with DAPI; RAC3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.