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

# KD-Validated Anti-Rab9 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1007

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-Rab9 Rabbit Monoclonal Antibody |
| **Accession(Primary)** | P51151 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human Rab9A |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 23 kDa, observed, 23 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): 1:1,000 |

## Target information (P51151)

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|---|---|
| **Gene Name** | RAB9A |
| **About Gene Symbol** | RAB9A (RAB9A, Member RAS Oncogene Family) is a small GTPase involved in cell signaling and proliferation. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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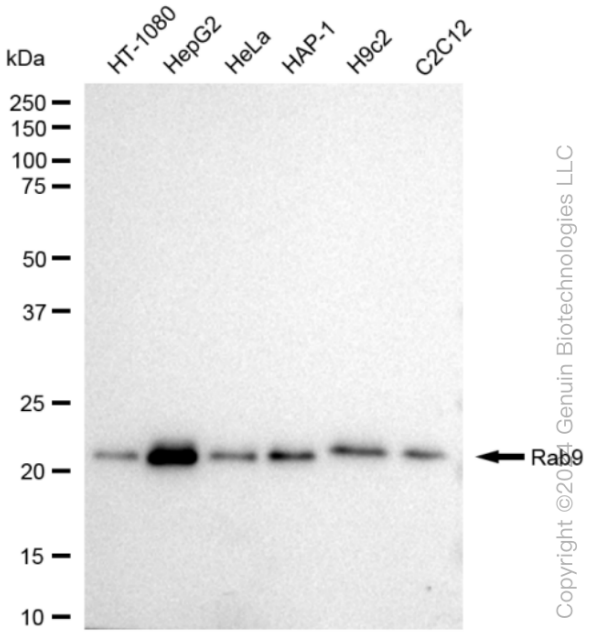


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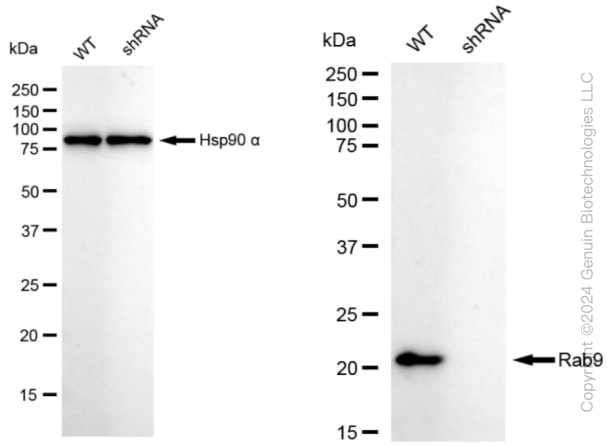
Western blotting analysis using anti-Rab9 antibody (Cat#ABG1007). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Rab9 antibody (Cat#ABG1007, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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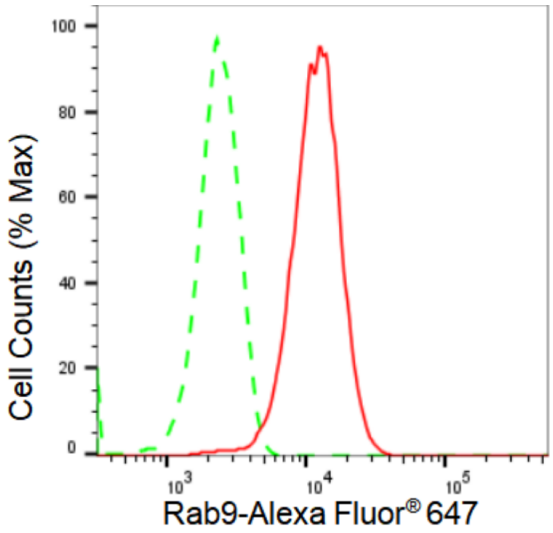
Western blotting analysis using anti-Rab9 antibody (Cat#ABG1007). Rab9 expression in wild type (WT) and Rab9 shRNA knockdown (KD) Hela cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Rab9 antibody (Cat#ABG1007, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Flow cytometric analysis of Rab9 expression in HepG2 cells using Rab9 antibody (Cat#ABG1007, 1:2,000). Green, isotype control; red, Rab9.

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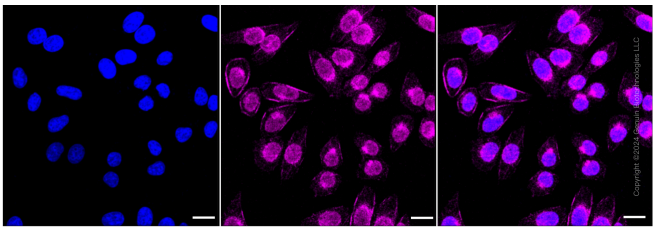

Immunocytochemical staining of HepG2 cells with Rab9 antibody (Cat#ABG1007, 1:1,000). Nuclei were stained blue with DAPI; Rab9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.