

KD-Validated Anti-Rab9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

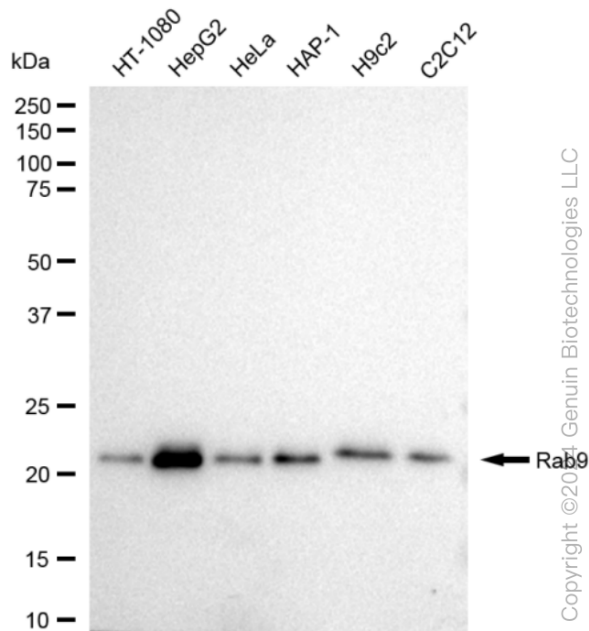
ABG1007

Product Overview

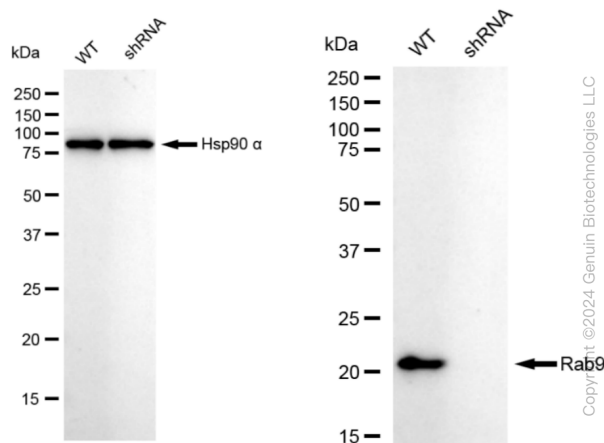
Name	KD-Validated Anti-Rab9 Rabbit Monoclonal Antibody
Accession(Primary)	P51151
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Rab9A
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 23 kDa, observed, 23 kDa
Storage Buffer	Supplied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

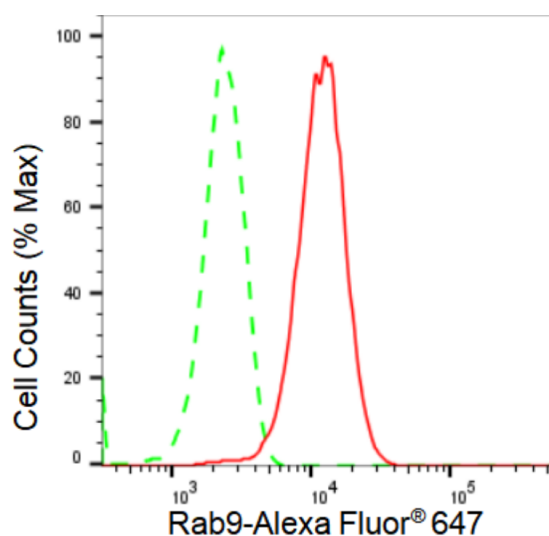
Gene Name	RAB9A
About Gene Symbol	RAB9A (RAB9A, Member RAS Oncogene Family) is a small GTPase involved in cell signaling and proliferation. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



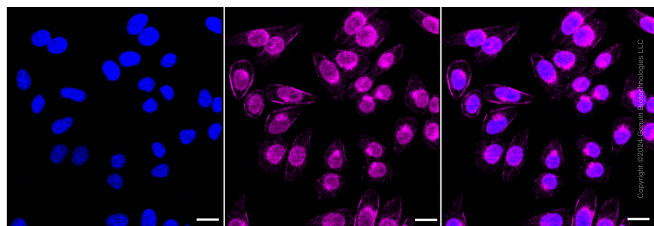
Western blotting analysis using anti-Rab9 antibody (Cat#ABG1007). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Rab9 antibody (Cat#ABG1007, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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.



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



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 μ m.