

KD-Validated Anti-RAB7 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

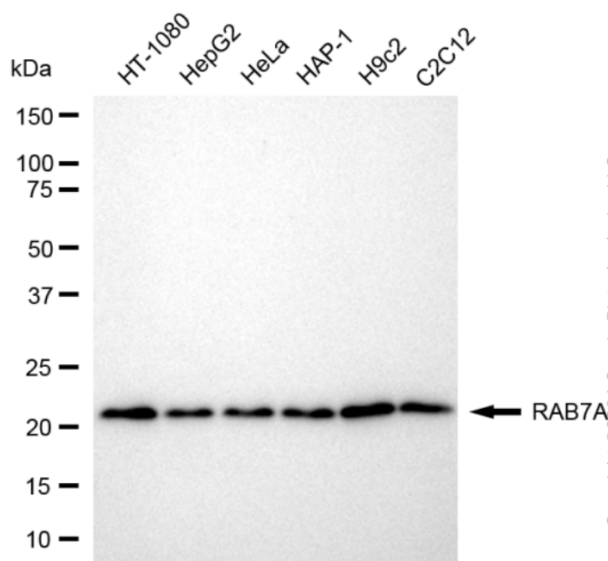
ABG1633

Product Overview

Name	KD-Validated Anti-RAB7 Rabbit Monoclonal Antibody
Accession(Primary)	P51149
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human RAB7
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): 1:100-1:1,000

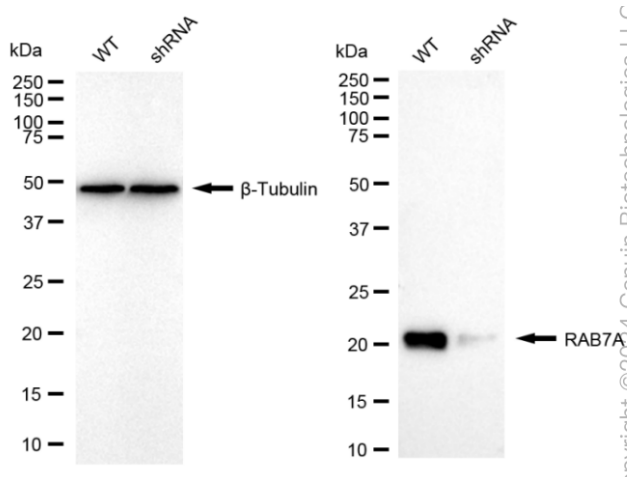
Target information (P51149)

Gene Name	RAB7A
About Gene Symbol	RAB7A (RAB7A, 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.



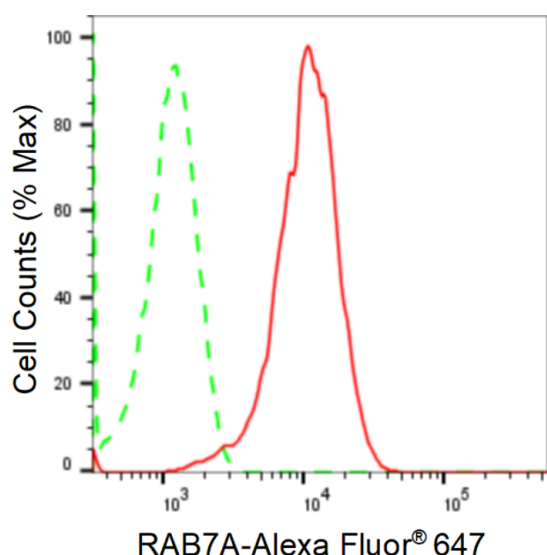
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Western blotting analysis using anti-RAB7A antibody (Cat#ABG1633). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RAB7A antibody (Cat#ABG1633, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



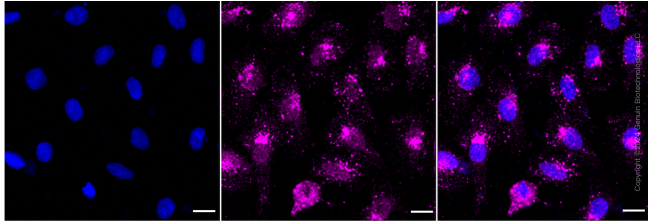
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Western blotting analysis using anti-RAB7A antibody (Cat#ABG1633). RAB7A expression in wild type (WT) and RAB7A shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-RAB7A antibody (Cat#ABG1633, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of RAB7A expression in H9c2 cells using anti-RAB7A antibody (Cat#ABG1633, 1:2,000). Green, isotype control; red, RAB7A.



Immunocytochemical staining of H9c2 cells with anti-RAB7A antibody (Cat#ABG1633, 1:1,000).

Nuclei were stained blue with DAPI; RAB7A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μ m.