

KD-Validated Anti-RAB5A Rabbit Monoclonal Antibody



Catalog #: 63207

Aliases

RAB5A; RAB5A, Member RAS Oncogene Family; RAB5; RAS-Associated Protein RAB5A; Ras-Related Protein Rab-5A; EC 3.6.5.2

Background

Gene Name: RAB5A

NCBI Gene Entry: [5868](#)

UniProt Entry: [P20339](#)

Application Information

Molecular Weight: Predicted, 24 kDa, observed, 24 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4520

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Rab5

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

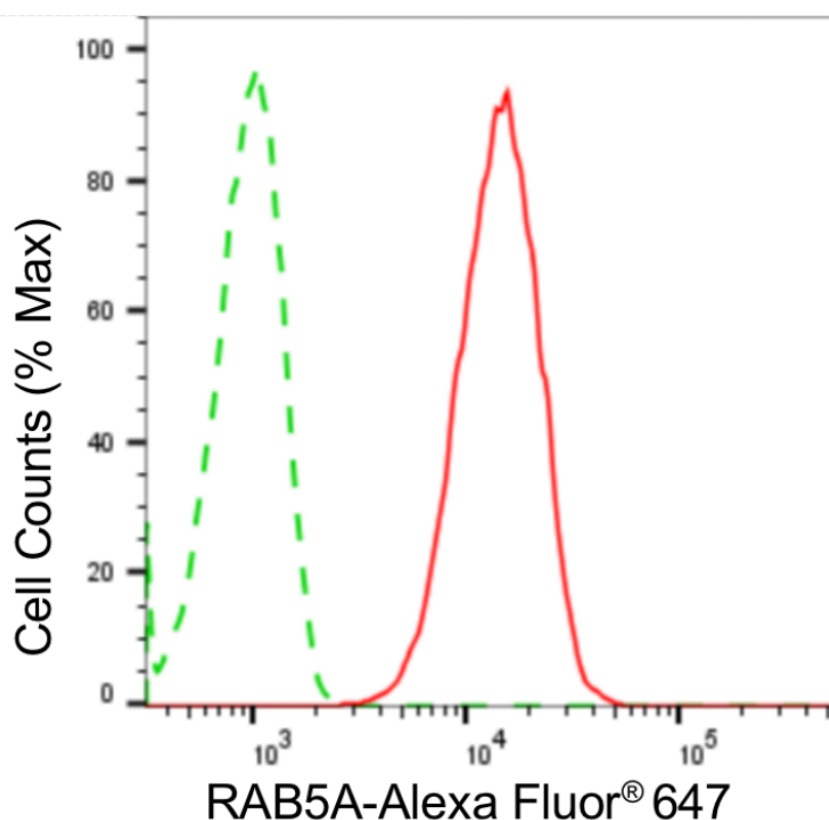
SUPPORT

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ORDERS

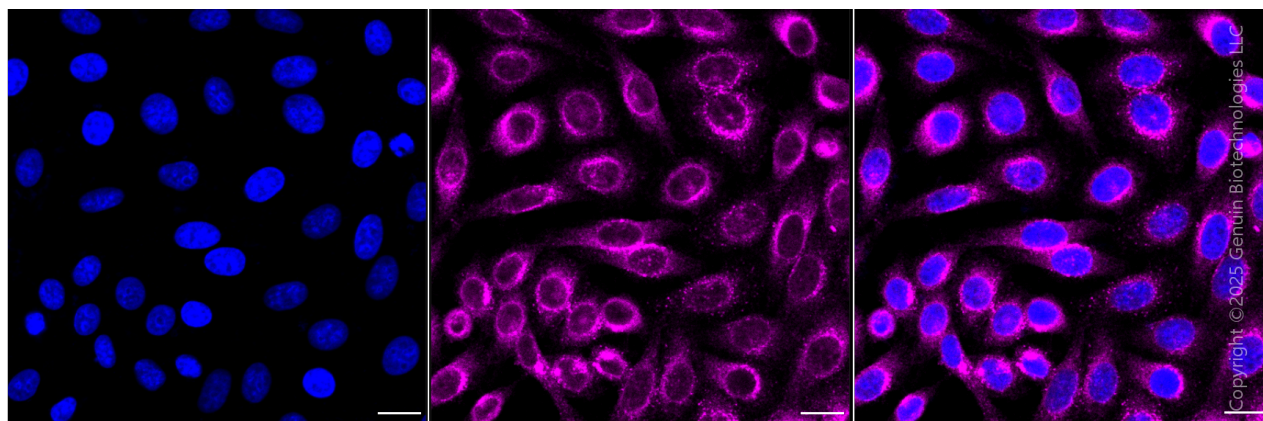
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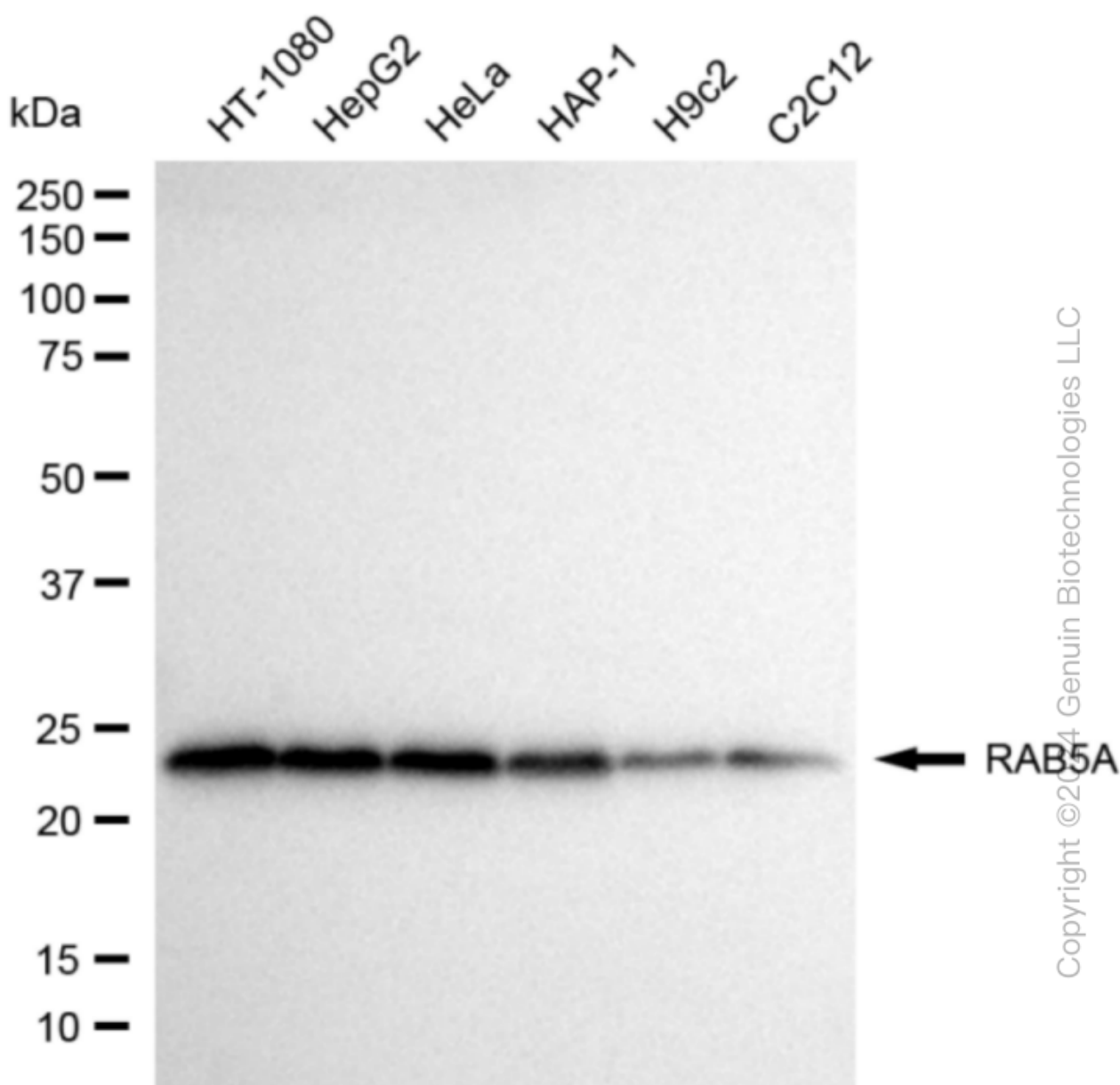
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Flow cytometric analysis of RAB5A expression in HepG2 cells using anti-RAB5A antibody (Cat#63207, 1:2,000). Green, isotype control; red, RAB5A.

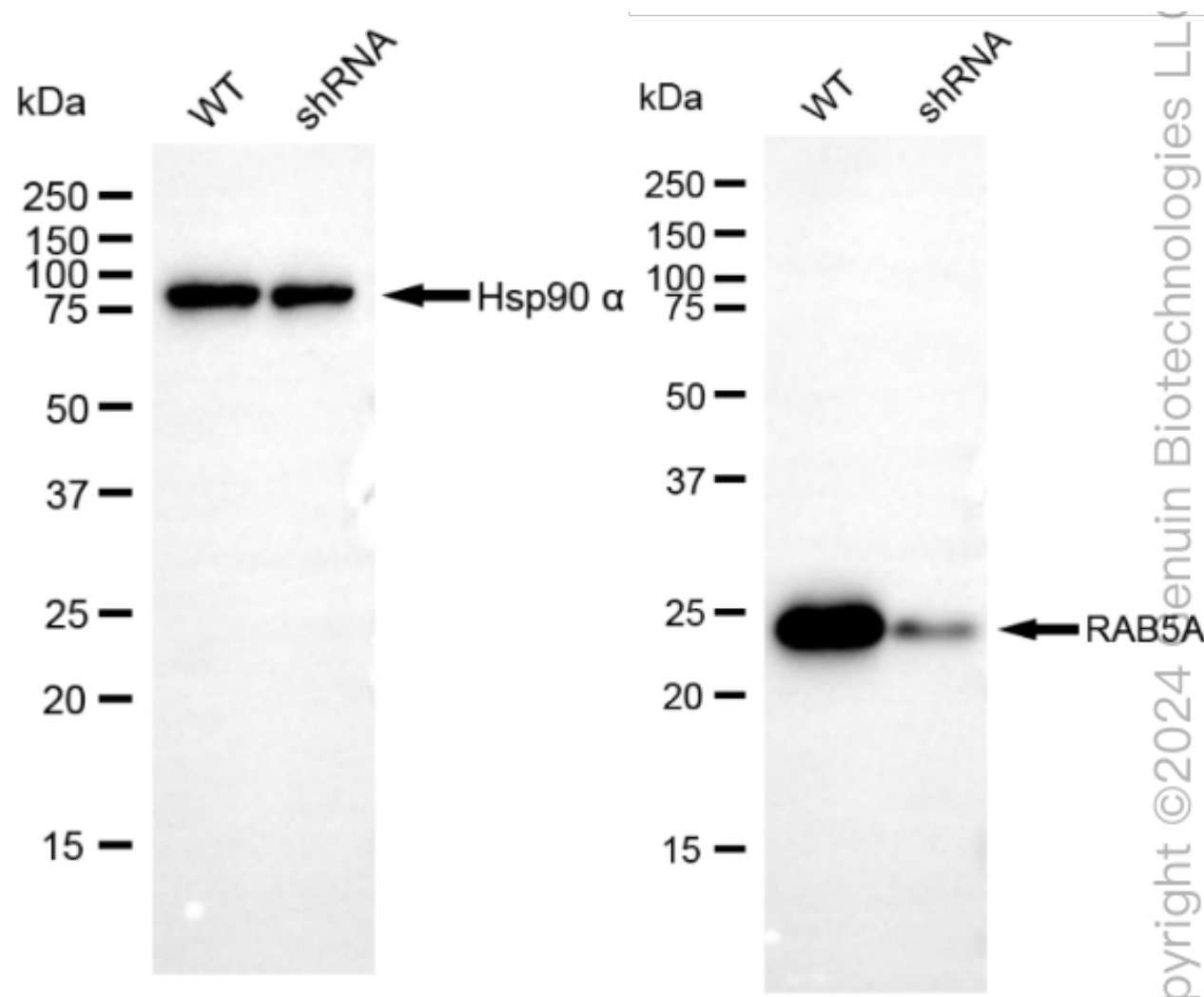


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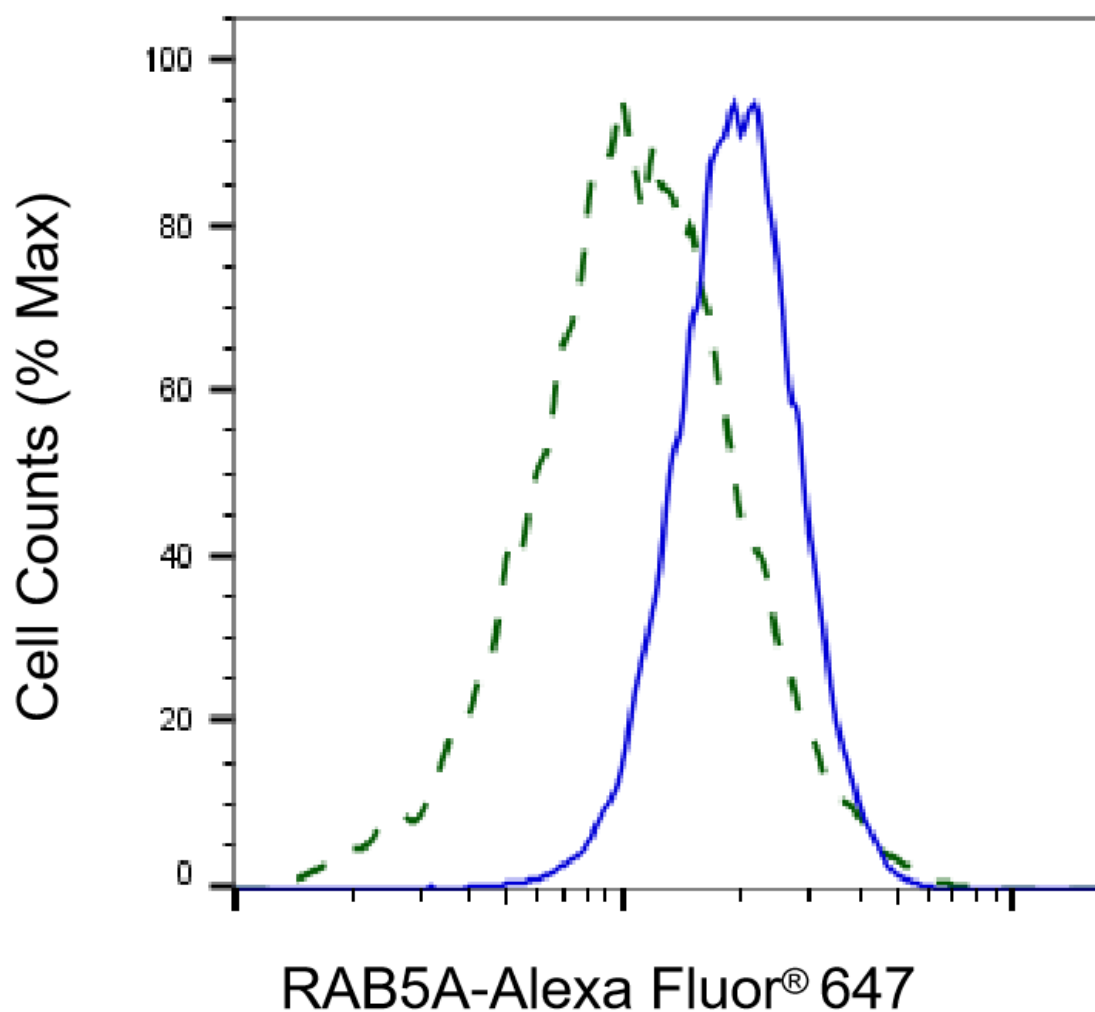
Immunocytochemical staining of HepG2 cells with anti-RAB5A antibody (Cat#63207, 1:1,000). Nuclei were stained blue with DAPI; RAB5A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-RAB5A antibody (Cat#63207). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RAB5A antibody (Cat#63207, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-RAB5A antibody (Cat#63207). RAB5A expression in wild-type (WT) and RAB5A shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-RAB5A antibody (Cat#63207, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Validation of RAB5A knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-RAB5A antibody (Cat#63207, 1:2,000) and analyzed using BD flow cytometer.