

KD-Validated Anti-RAB5C Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1374**Specification****KD-Validated Anti-RAB5C Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC, ICC
Primary Accession	P51148
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 23 kDa; observed, 23 kDa kDa
Gene Name	RAB5C
Aliases	RAB5C; RAB5C, Member RAS Oncogene Family; RAB5CL; RABL; RAB5C, Member Of RAS Oncogene Family; Ras-Related Protein Rab-5C; L1880; RAB5L; RAB, Member Of RAS Oncogene Family-Like; EC 3.6.5.2
Immunogen	A synthesized peptide derived from human RAB5C / RABL

KD-Validated Anti-RAB5C Rabbit Monoclonal Antibody - Additional Information

Gene ID	5878
Other Names	
Ras-related protein Rab-5C, 3.6.5.2, L1880, RAB5L, RAB5C, RABL	

KD-Validated Anti-RAB5C Rabbit Monoclonal Antibody - Protein Information**Name** RAB5C ([HGNC:9785](#))**Synonyms** RABL**Function**

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion.

Cellular Location

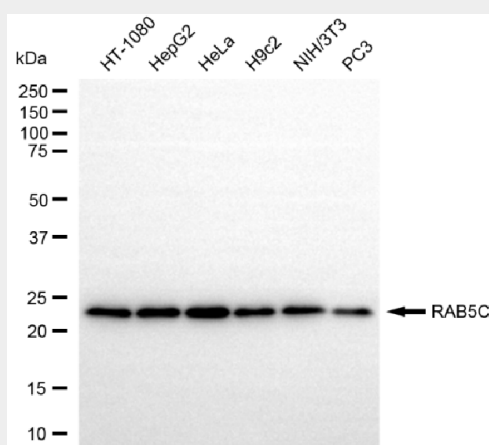
Cell membrane {ECO:0000250|UniProtKB:P20339}; Lipid-anchor {ECO:0000250|UniProtKB:P20339}; Cytoplasmic side {ECO:0000250|UniProtKB:P20339}. Early endosome membrane {ECO:0000250|UniProtKB:P20339}; Lipid-anchor {ECO:0000250|UniProtKB:P20339}. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

KD-Validated Anti-RAB5C Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

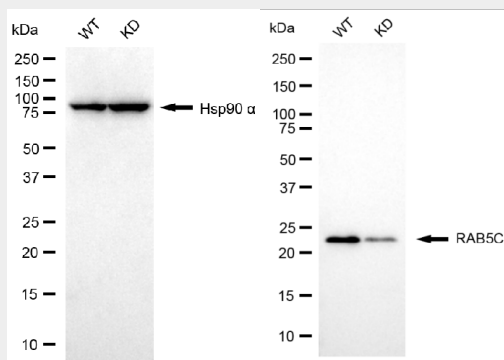
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-RAB5C Rabbit Monoclonal Antibody - Images



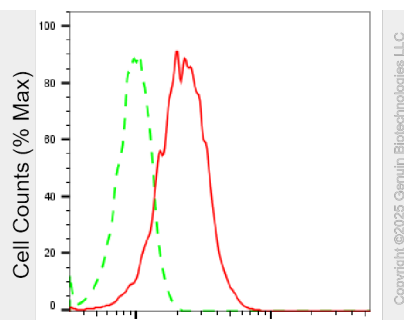
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Western blotting analysis using anti-RAB5C antibody (Cat#AGI1374). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RAB5C antibody (Cat#AGI1374, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



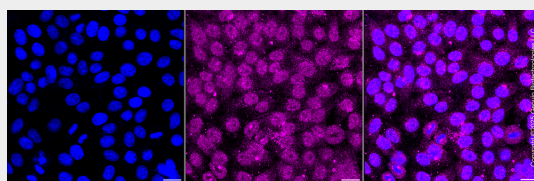
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Western blotting analysis using anti-RAB5C antibody (Cat#AGI1374). RAB5C expression in wild type (WT) and RAB5C knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-RAB5C antibody (Cat#AGI1374, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



RAB5C-Alexa Fluor® 647

Flow cytometric analysis of RAB5C expression in HepG2 cells using anti-RAB5C antibody (Cat#AGI1374, 1:2,000). Green, isotype control; red, RAB5C.



Immunocytochemical staining of HepG2 cells with anti-RAB5C antibody (Cat#AGI1374, 1:1,000). Nuclei were stained blue with DAPI; RAB5C 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.