

Rab9 Rabbit mAb

Catalog No: #48647



Package Size: #48647-1 50ul #48647-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
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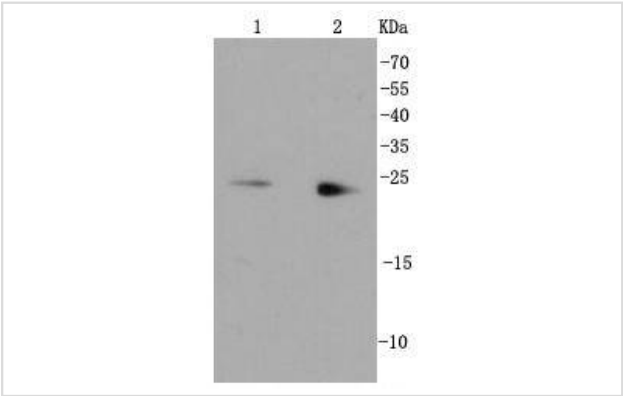
Description

Product Name	Rab9 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SR45-05
Purification	ProA affinity purified
Applications	WB, ICC/IF
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	2410064E05Rik antibody AI195561 antibody DmRab9 antibody Rab 9 antibody RAB 9A antibody RAB9 member RAS oncogene family antibody RAB9A antibody RAB9A member RAS oncogene family antibody RAB9A_HUMAN antibody RAS ASSOCIATED PROTEIN RAB9 antibody Ras related protein Rab 9A antibody Ras-related protein Rab-9A antibody Sid6061p antibody Sid99 antibody
Accession No.	Swiss-Prot#:P51151
Uniprot	P51151
GeneID	9367;
Calculated MW	23 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

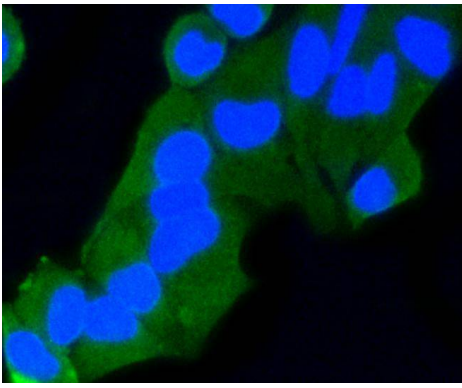
Application Details

WB: 1:1,000-1:2,000 ICC: 1:50-1:200

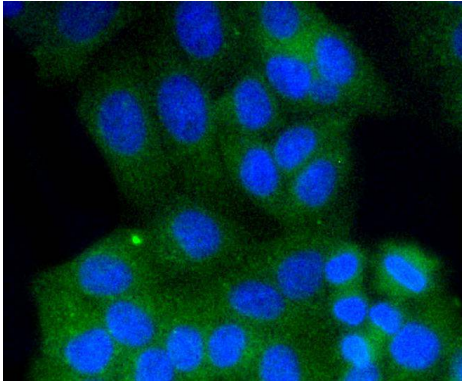
Images



Western blot analysis of Rab9 on different lysates using anti-Rab9 antibody at 1/1,000 dilution. Positive control: Lane 1: HepG2      Lane 2: K562



ICC staining Rab9 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Rab9 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies exhibit 30-60% homology with Ras p21. Accumulating data suggests an important role for Rab proteins, either in endocytosis or in biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles, a process that appears to involve Rab protein function. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% homologous to Rab proteins, is associated with secretory vesicles. At least eight members of the Rab subfamily have been identified, each of which is found at a particular stage of a membrane transport pathway.

## References

Note: This product is for in vitro research use only