

## Rab3a Antibody

Catalog No: #48388

Package Size: #48388-1 50ul #48388-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

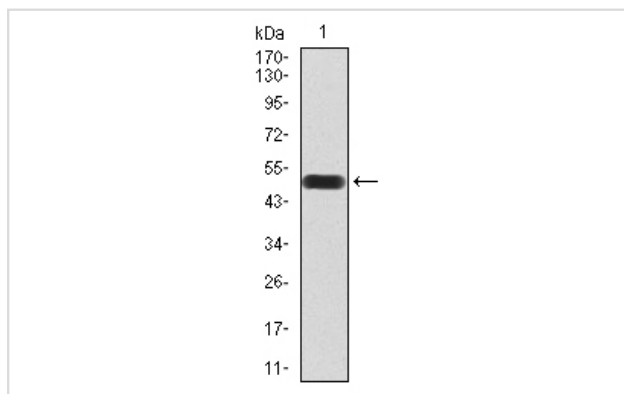
## Description

Product Name	Rab3a Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	D1-12
Purification	ProA affinity purified
Applications	WB, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	Rab 3A antibody RAB 3A member RAS oncogene family antibody Rab3a antibody RAB3A member RAS oncogene family antibody RAB3A_HUMAN antibody RAS associated protein RAB 3A antibody RAS associated protein RAB3A antibody Ras related protein Rab 3A antibody Ras related protein Rab3A antibody Ras-related protein Rab-3A antibody
Accession No.	Swiss-Prot#:P20336
Uniprot	P20336
GeneID	5864;
Calculated MW	25 kDa
Formulation	1*TBBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

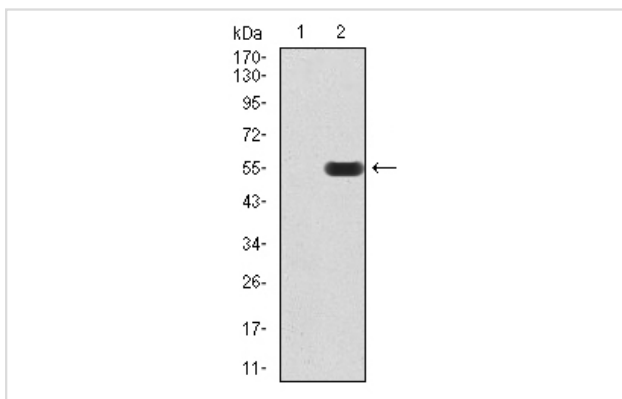
## Application Details

WB: 1:500-1:2,000FC: 1:100-1:200

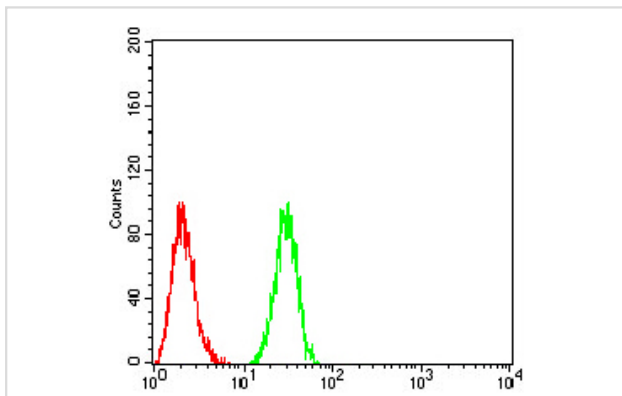
## Images



Western blot analysis of Rab3a on human Rab3a recombinant protein using anti-Rab3a antibody at 1/1,000 dilution.



Western blot analysis of Rab3a on HEK293 (1) and Rab3a-hlgGfc transfected HEK293 (2) cell lysate using anti-Rab3a antibody at 1/1,000 dilution.



Flow cytometric analysis of HeLa cells with Rab3a antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).

## Background

The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab superfamilies 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 family 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