

For Research Use Only

SAR1A Recombinant monoclonal antibody

Catalog Number: 83168-6-RR



Basic Information

Catalog Number:

83168-6-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_020150

GeneID (NCBI):

56681

UNIPROT ID:

Q9NR31

Full Name:

SAR1 homolog A (*S. cerevisiae*)

Calculated MW:

22 kDa

Observed MW:

23-25 kDa

Purification Method:

Protein A purification

CloneNo.:

230471A11

Recommended Dilutions:

WB: 1:5000-1:50000

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293T cells, NIH/3T3 cells, HeLa cells, Jurkat cells, mouse liver tissue

FC (Intra) : A549 cells, A431 cells

Background Information

SAR1A, also named as SAR1, SARA and SARA1, belongs to the small GTPase superfamily and SAR1 family. It is involved in transport from the endoplasmic reticulum to the Golgi apparatus. SAR1A is required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

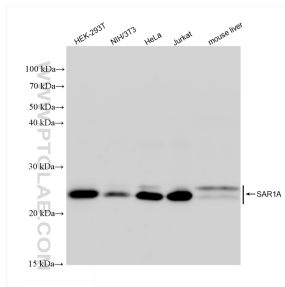
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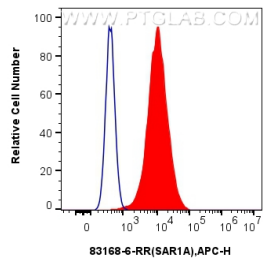
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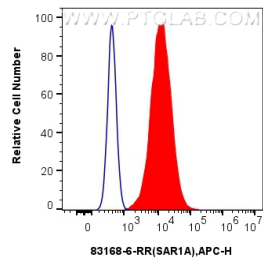
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83168-6-RR (SAR1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ A549 cells were intracellularly stained with 0.25 ug SAR1A Recombinant antibody (83168-6-RR, Clone:230471A11) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug rabbit IgG isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug SAR1A Recombinant antibody (83168-6-RR, Clone:230471A11) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug rabbit IgG isotype control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.