For Research Use Only

# SRP9 Monoclonal antibody

Catalog Number:66068-1-Ig Featured Product 2 Publications

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## Basic Information

Catalog Number:
66068-1-Ig

Size:
150ul , Concentration: 1600 ug/ml by Nanodrop and 933 ug/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG17153

GenBank Accession Number:
BC015094

GeneID (NCBI):
6726

UNIPROT ID:
P49458

Full Name:
signal recognition particle 9kDa

Calculated MW:
10 kDa

Observed MW:
10 kDa

Purification Method:
Protein A purification

CloneNo.:
1H7G10

Recommended Dilutions:
WB 1:1000-1:4000

## Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, rat, mouse

Cited Species:
human

Positive Controls:

WB : HSC-T6 cells, HeLa cells, HEK-293 cells, ROS1728 cells, NIH/3T3 cells, 4T1 cells

## Background Information

Signal recognition particle 9(SRP9) is component of the signal recognition particle (SRP), which is a ribonucleoprotein complex that mediates the targeting of proteins to the rough endoplasmic reticulum (ER). SRP9 form a heterodimer with SRP14, which involves in arrest of the elongation of the nescent chains during targeting to ensure efficient translocation of the preprotein.

## Notable Publications

| Author | Pubmed ID | Journal | Application |
|---|---|---|---|
| John B Moldovan | 38850156 | Nucleic Acids Res | WB |
| John B Moldovan | 38746229 | bioRxiv | WB |

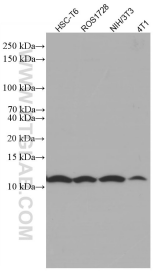
## Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

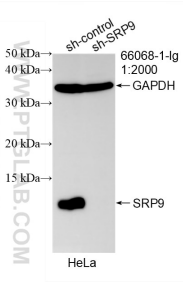
*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

## Selected Validation Data




Various lysates were subjected to SDS PAGE followed by western blot with 66068-1-Ig (SRP9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.




WB result of SRP9 antibody (66068-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SRP9 transfected HeLa cells.