

For Research Use Only

# RPS10 Monoclonal antibody

Catalog Number: 67609-1-Ig



## Basic Information

Catalog Number:

67609-1-Ig

Concentration:

1500 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7018

GenBank Accession Number:

BC001032

GeneID (NCBI):

6204

UNIPROT ID:

P46783

Full Name:

ribosomal protein S10

Calculated MW:

19 kDa

Observed MW:

19 kDa

Purification Method:

Protein A purification

CloneNo.:

1G1E1

Recommended Dilutions:

WB 1:1000-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

## Background Information

RPS10 (ribosomal protein S10) encodes a ribosomal protein that is a component of the small 40S subunit of the ribosome. RPS10 is essential for cell proliferation and methylation. In nucleoli, RPS10 interacts with nucleophosmin/B23 and is predominantly concentrated in the granular component region, which is required for ribosome assembly (PMID: 20159986, 23723321). Human RPS10 protein consists of 165 amino acids, with a molecular weight of approximately 18.5 kDa.

## 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:

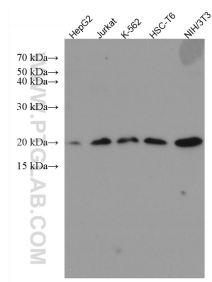
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67609-1-Ig (RPS10 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.