

For Research Use Only

MRPS25 Monoclonal antibody

Catalog Number: 67903-1-Ig **Featured Product**



Basic Information

Catalog Number:

67903-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7846

GenBank Accession Number:

BC003590

GeneID (NCBI):

64432

UNIPROT ID:

P82663

Full Name:

mitochondrial ribosomal protein S25

Calculated MW:

20 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

3B10B6

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : HeLa cells, NIH/3T3 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, 4T1 cells

Background Information

Mitochondrial ribosomal protein S25 (MRPS25) belongs to the ribosomal protein S25/L51 family. It is a component of the mitochondrial ribosome small subunit (28S). The variant segregated with the disease and substitutes a highly conserved proline residue with leucine (p.P72L) that, based on the high-resolution structure of the 28S ribosome, is predicted to compromise inter-protein contacts and destabilize the small subunit.

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

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

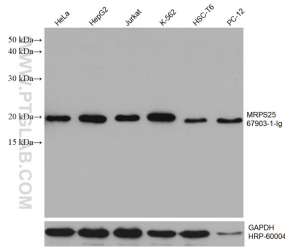
T: 4006900926

E: Proteintech-CN@ptglab.com

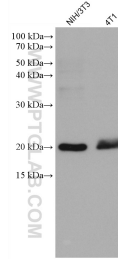
W: ptgcn.com

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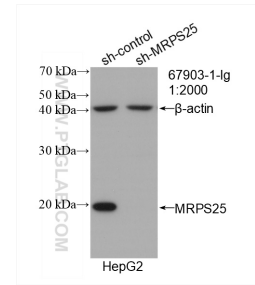
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67903-1-Ig (MRPS25 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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WB result of MRPS25 antibody (67903-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MRPS25 transfected HepG2 cells.