

For Research Use Only

MRPS25 Monoclonal antibody

Catalog Number: 67903-1-Ig



Basic Information

Catalog Number: 67903-1-Ig	GenBank Accession Number: BC003590	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 64432	CloneNo.: 3B10B6
Source: Mouse	Full Name: mitochondrial ribosomal protein S25	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG2b	Calculated MW: 20 kDa	
Immunogen Catalog Number: AG7846	Observed MW: 20 kDa	

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

*** 20ul sizes contain 0.1% BSA

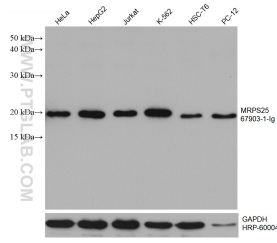
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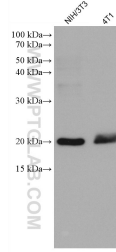
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Selected Validation Data



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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