

Product Name: RPL18A Mouse Monoclonal Antibody
Catalog #: AMM83060



Summary

Production Name	RPL18A Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	RPL18A
Alternative Names	L18A
Gene ID	6142.0
SwissProt ID	Q02543.Purified recombinant fragment of human RPL18A (AA: 50-176) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	20.8kDa

Background

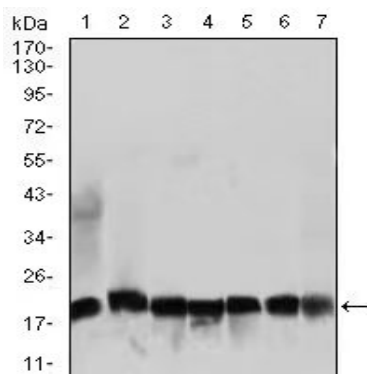
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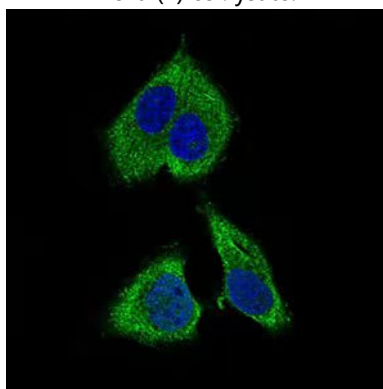
Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a member of the L18AE family of ribosomal proteins that is a component of the 60S subunit. The encoded protein may play a role in viral replication by interacting with the hepatitis C virus internal ribosome entry site (IRES). This gene is co-transcribed with the U68 snoRNA, located within the third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome.

Research Area

Image Data

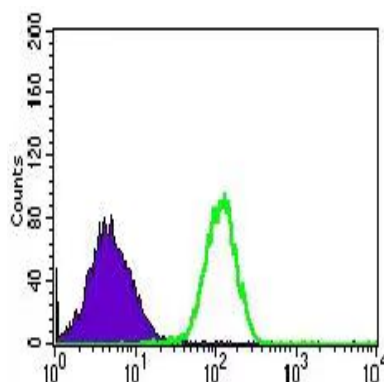


Western blot analysis using RPL18A mouse mAb against NIH3T3(1), HEK293 (2), HL60 (3), Jurka (4), Raji (5), MOLT4 (6), and HeLa (7) cell lysate.

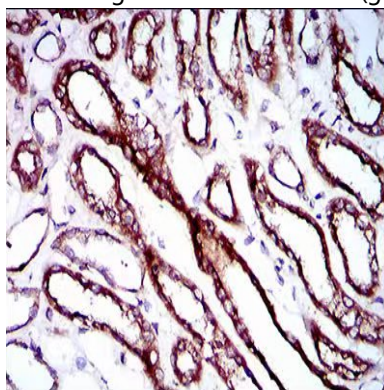


Immunofluorescence analysis of HepG2 cells using RPL18A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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Flow cytometric analysis of HEK293 cells using RPL18A mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded kidney tissues using RPL18A mouse mAb with DAB staining.

Note

For research use only.