



MRP-S9 Monoclonal Antibody

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|---------------------------|--|
| Catalog No | YP-mAb-04023 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | MRPS9 |
| Protein Name | 28S ribosomal protein S9 mitochondrial |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MRPS9. AA range:91-140 |
| Specificity | MRP-S9 Monoclonal Antibody detects endogenous levels of MRP-S9 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-1:2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | MRPS9; RPMS9; 28S ribosomal protein S9; mitochondrial; MRP-S9; S9mt |
| Observed Band | 40kD |
| Cell Pathway | Mitochondrion . |
| Tissue Specificity | Skin, |
| Function | similarity:Belongs to the ribosomal protein S9P family.,subunit:Component of the mitochondrial ribosome small subunit (28S) which comprises a 12S rRNA and about 30 distinct proteins., |
| Background | Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein. [provided by RefSeq, Jul 2008], |



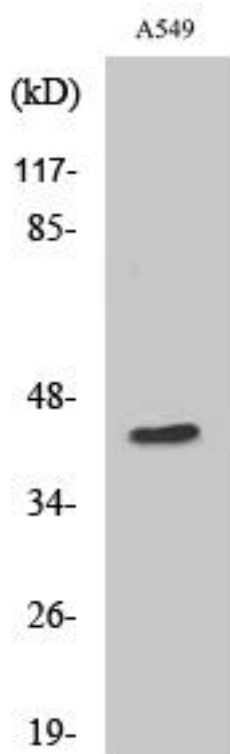
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using MRP-S9 Monoclonal Antibody