

MRPS30 Antibody

Catalog No: #43042

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

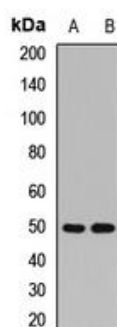
Description

| | |
|-----------------------|---|
| Product Name | MRPS30 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB;IF/IC;IP |
| Species Reactivity | Hu, Ms, Rt |
| Specificity | The antibody detects endogenous levels of total MRPS30 protein. |
| Immunogen Description | Recombinant full length protein of human MRPS30. |
| Target Name | MRPS30 |
| Other Names | PAP; PDCD9; S30mt; MRP-S30 |
| Accession No. | Swiss-Prot#: Q9NP92Gene ID: 10884 |
| Uniprot | Q9NP92 |
| GeneID | 10884; |
| Calculated MW | 50kd |
| Concentration | 1mg/ml |
| Formulation | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Storage | Store at -20°C Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

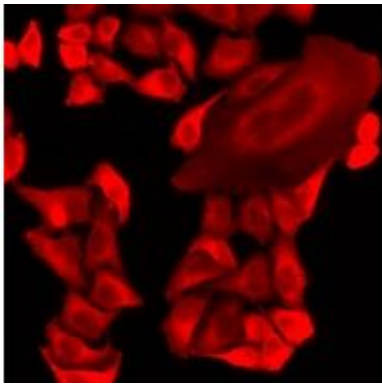
Application Details

WB 1:500 - 1:1000 IF/IC 1:50 - 1:200 IP 1:10 - 1:50

Images



Western blot analysis of MRPS30 expression in HeLa (A), HepG2 (B) whole cell lysates.



Immunofluorescent analysis of MRPS30 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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.?

Note: This product is for in vitro research use only