

## MRPS30 Antibody

Catalog No: #43042

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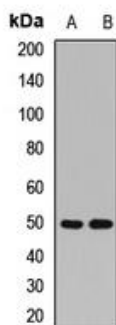
## Description

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°Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

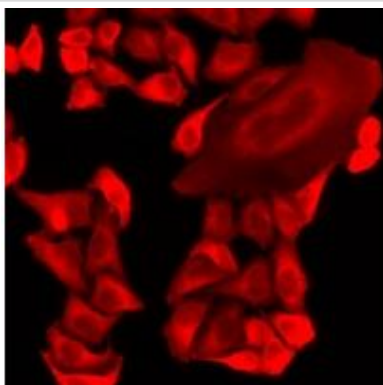
## Application Details

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