



MRP-S2 Monoclonal Antibody

Catalog No	YP-mAb-04009
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MRPS2
Immunogen	The antiserum was produced against synthesized peptide derived from human MRPS2. AA range:236-285
Specificity	MRP-S2 Monoclonal Antibody detects endogenous levels of MRP-S2 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	CGI 91;CGI91;CGI-91;COXPD36;MRP S2;MRP-S2;MRPS2;28S ribosomal protein S2 mitochondrial;28S ribosomal protein S2;mitochondrial;S2mt
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Brain,Lung,Skin,
Function	sequence caution:Wrong choice of frame.,similarity:Belongs to the ribosomal protein S2P 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 that belongs to the ribosomal protein S2 family. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012],

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

