RM01 Monoclonal Antibody

Catalog No	BYmab-05225
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MRPL1 BM-022
Protein Name	39S ribosomal protein L1, mitochondrial (L1mt) (MRP-L1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 150-230
Specificity	RM01 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	35kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Bone marrow,Coronary artery,Skin,
Function	sequence caution:Translation N-terminally extended.,similarity:Belongs to the ribosomal protein L1P family.,
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 39S subunit protein that

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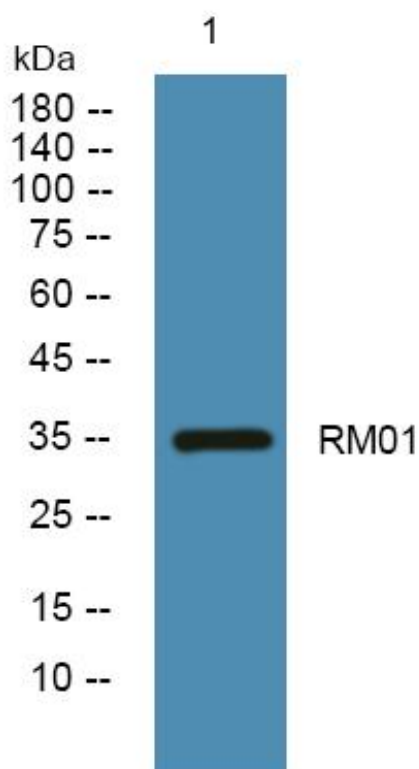belongs to the L1 ribosomal protein family. [provided by RefSeq, Jul 2008],

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 RM01 Monoclonal Antibody

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