



MRP-L32 Monoclonal Antibody

Catalog No	YP-mAb-03987
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MRPL32
Immunogen	The antiserum was produced against synthesized peptide derived from human MRPL32. AA range:101-150
Specificity	MRP-L32 Monoclonal Antibody detects endogenous levels of MRP-L32 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	39S ribosomal protein L32;39S ribosomal protein L32 mitochondrial;bMRP 59b; HSPC283;L32mt;mitochondrial;Mitochondrial ribosomal protein L32;MRP-L32; mRpL32;RM32_HUMAN
Observed Band	21kD
Calculated Molecular Weight	21kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Lymph,Trachea,Umbilical cord blood,
Function	similarity:Belongs to the ribosomal protein L32P 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 belongs to the L32 ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome Xp. [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

