



MRP-L49 Monoclonal Antibody

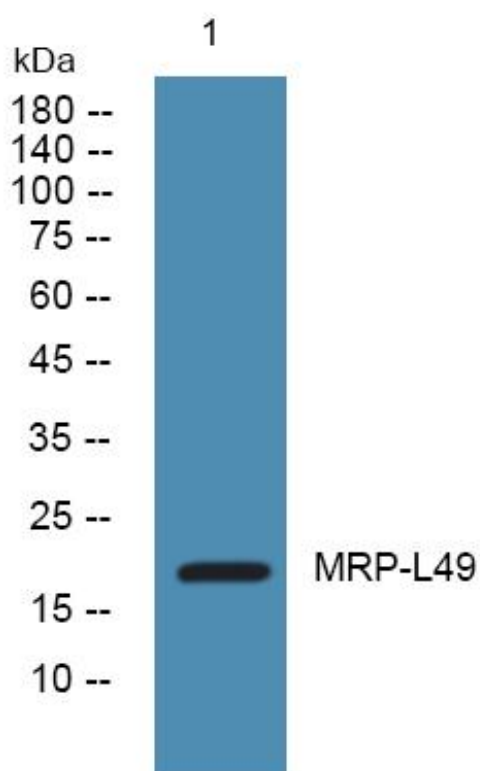
Catalog No	YP-mAb-03998
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MRPL49
Protein Name	39S ribosomal protein L49 mitochondrial
Immunogen	Synthesized peptide derived from MRP-L49 . at AA range: 10-90
Specificity	MRP-L49 Monoclonal Antibody detects endogenous levels of MRP-L49 protein.
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	MRPL49; C11orf4; NOF1; OK/SW-cl.67; 39S ribosomal protein L49; mitochondrial; L49mt; MRP-L49; Neighbor of FAU; NOF; Protein NOF1
Observed Band	19kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Ubiquitous.
Function	similarity:Belongs to the ribosomal protein L49em family.,tissue specificity:Ubiquitous.,
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. Pseudogenes corresponding to this gene are found on chromosomes 5q and 8p. [provided by RefSeq, May 2011],

**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 MRP-L49 Monoclonal Antibody