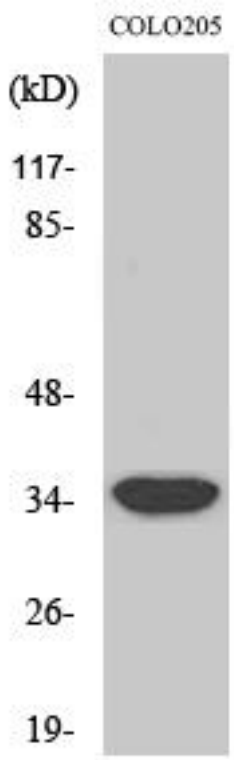
MRP-L4 Monoclonal Antibody

Catalog No	YP-mAb-03991
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	MRPL4
Protein Name	39S ribosomal protein L4 mitochondrial
Immunogen	The antiserum was produced against synthesized peptide derived from human MRPL4. AA range:90-139
Specificity	MRP-L4 Monoclonal Antibody detects endogenous levels of MRP-L4 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	MRPL4; CDABP0091; CGI-28; 39S ribosomal protein L4; mitochondrial; L4mt; MRP-L4
Observed Band	35kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Leukemia,Lung,Ovary,
Function	similarity:Belongs to the ribosomal protein L4P 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. Sequence analysis identified alternatively spliced variants that encode different protein isoforms. [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 MRP-L4 Monoclonal Antibody