

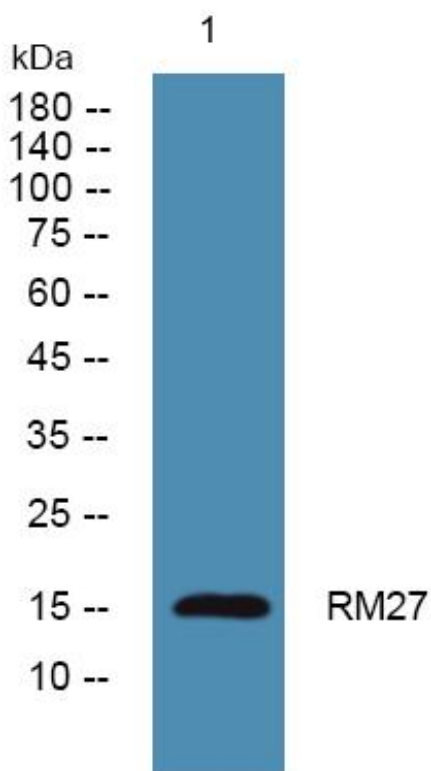


RM27 Monoclonal Antibody

Catalog No	YP-mAb-05735
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	MRPL27 HSPC250
Protein Name	39S ribosomal protein L27, mitochondrial (L27mt) (MRP-L27)
Immunogen	Synthesized peptide derived from human protein . at AA range: 40-120
Specificity	RM27 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	16kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Brain,Lung,Umbilical cord blood,
Function	similarity:Belongs to the ribosomal protein L27P 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. [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 RM27 Monoclonal Antibody