

MRPL1 monoclonal antibody (M01), clone 2B7

Catalog # H00065008-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant MRPL1.
Immunogen	MRPL1 (AAH15109, 1 a.a. ~ 303 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVYQTSLCSCSVNIRVPNRHFAAAKKS AKKTKKGAK EKPDEKKDEIEKIKAYPYMEGEPEDDVY LKRLYPRQIYEVEKAVHLLKKFQILDFTSPKQSVYLDLTLDMALGKKKNVEPFTSVLSLPYPFASEI NKVAVFTENASEVKIAEENGAASAGGTS LIQKWDDENADFYAVVPEIMPELNRLRKKLNKKYPKL SRNSIGRDIPKMLELFKNGHEIKVDEERENFLQTKIATLDMSSDQIAANLQAVINEVCRHRPLNLGP FVVRAFLRSSTSEGLLLKIDPLLPKEVKNEESEKEDA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (78)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — MRPL1

Entrez GeneID

[65008](#)

GeneBank Accession#	BC015109
Protein Accession#	AAH15109
Gene Name	MRPL1
Gene Alias	BM022, FLJ96680, L1MT, MRP-L1
Gene Description	mitochondrial ribosomal protein L1
Gene Ontology	Hyperlink
Gene Summary	<p>Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S 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 L1 ribosomal protein family. [provided by RefSeq]</p>
Other Designations	39S ribosomal protein L1, mitochondrial OTTHUMP00000160703

Disease

- [Tobacco Use Disorder](#)