

MRPL13 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19468b**Specification**

MRPL13 Antibody (C-term) Blocking Peptide - Product Information**MRPL13 Antibody (C-term) Blocking Peptide - Additional Information****Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MRPL13 Antibody (C-term) Blocking Peptide - Protein Information**MRPL13 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MRPL13 Antibody (C-term) Blocking Peptide - Images**MRPL13 Antibody (C-term) Blocking Peptide - 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].

MRPL13 Antibody (C-term) Blocking Peptide - References

Mukhopadhyay, R., et al. Mol. Cell 32(3):371-382(2008) Shen, X.Y., et al. Photochem. Photobiol. 81(2):306-313(2005) Zhang, Z., et al. Genomics 81(5):468-480(2003) Kenmochi, N., et al. Genomics 77 (1-2), 65-70 (2001) :Suzuki, T., et al. J. Biol. Chem. 276(24):21724-21736(2001)