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# 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 bynuclear genes and help in protein synthesis within themitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of asmall 28S subunit and a large 39S subunit. They have an estimated75% protein to rRNA composition compared to prokaryotic ribosomes,where this ratio is reversed. Another difference between mammalianmitoribosomes and prokaryotic ribosomes is that the latter containa 5S rRNA. Among different species, the proteins comprising themitoribosome differ greatly in sequence, and sometimes inbiochemical properties, which prevents easy recognition by sequencehomology. This gene encodes a 39S subunit protein. [provided byRefSeq].

### 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)