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Rabbit Anti-MRP63/PE Conjugated antibody

SL13764R-PE

Product Name	Anti-MRP63/PE
Chinese Name	PE 标记的 Mitochondrion 核糖体蛋白 MRP63 抗体
Alias	bMRP63; hMRP63; MGC3243; mitochondrial; mitochondrial ribosomal protein bMRP63; MRP63; Ribosomal protein 63; Ribosomal protein 63, mitochondrial; RT63_HUMAN.
Research Area	Cell biology Mitochondrion Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Dog,Cow)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	12kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human MRP63
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** Mammalian mitochondrial ribosomes (mitoribosomes) are responsible for protein synthesis within the mitochondrion. The mitoribosomes are composed of a 4:1 ratio of protein to RNA, with the proteins forming two subunits, the 28S subunit and the 39S subunit. Across species, the proteins that make up the mitoribosome subunits vary greatly in sequence, preventing easy recognition by sequence homology. MRP-63 102 amino acid protein that has been

identified on the intact 55S mitoribosome subunit. It is theorized that MRP-63 localizes to the subunit interface and dissociates from the 55S mitoribosome during subunit separation.

Subcellular Location:
Mitochondrion.

Database links:

Entrez Gene: 78988 Human

Omim: 611997 Human

SwissProt: Q9BQC6 Human

Unigene: 458367 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.