

小鼠抗 MRPL48 单克隆抗体

中文名称： 小鼠抗 MRPL48 单克隆抗体

英文名称： Anti-MRPL48 mouse monoclonal antibody

别名： mitochondrial ribosomal protein L48; L48MT; CGI-118; HSPC290; MRP-L48

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： MRPL48

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

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. A pseudogene corresponding to this gene is found on chromosome 6p. Several transcript variants, some protein-coding and some non-protein coding, have been found for this gene.
Applications:	WB, IHC
Name of antibody:	MRPL48
Immunogen:	Fusion protein of human MRPL48
Full name:	mitochondrial ribosomal protein L48
Synonyms:	L48MT; CGI-118; HSPC290; MRP-L48
SwissProt:	Q96GC5
IHC positive control:	Human breast tissue and Human colorectal cancer; Human lung cancer
IHC Recommend dilution:	50-150
WB Predicted band size:	24 KD
WB Positive control:	HepG2, Hela, Jurkat cell lysates
WB Recommended dilution:	500-2000