

## 小鼠抗 MRPL11 单克隆抗体

中文名称: 小鼠抗 MRPL11 单克隆抗体

英文名称: Anti-MRPL11 mouse monoclonal antibody

别名: CGI-113; L11MT; MRP-L11

储存: 冷冻 (-20℃) 避光

抗原: MRPL11

宿主: Mouse

反应种属: Human

相关类别: 一抗

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 (mito ribosomes) 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. Sequence analysis identified three transcript variants that encode different isoforms. Pseudogenes corresponding to this gene are found on chromosomes 5q and 12q. [provided by RefSeq, Jul 2008].
<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	MRPL11
<b>Immunogen:</b>	Fusion protein of human MRPL11
<b>Full name:</b>	mitochondrial ribosomal protein L11 (MRPL11), transcript variant 1
<b>Synonyms:</b>	CGI-113; L11MT; MRP-L11
<b>SwissProt:</b>	Q9Y3B7
<b>IHC positive control:</b>	carcinoma of human thyroid tissue and adenocarcinoma of human colon tissue; adenocarcinoma of human ovary tissue
<b>IHC Recommend dilution:</b>	30-150
<b>WB Predicted band size:</b>	21 kDa
<b>WB Positive control:</b>	HepG2, HeLa, SVT2, A549, COS7, Jurkat, MDCK, PC12, MCF-7 cell lysates
<b>WB Recommended dilution:</b>	500-2000