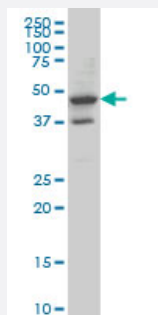


# MRPS27 monoclonal antibody (M14A), clone 3G8

Catalog # H00023107-M14A

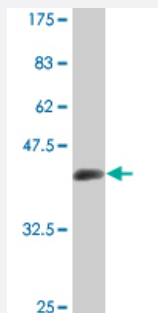
Size 200 uL

## Applications



### Western Blot (Cell lysate)

MRPS27 monoclonal antibody (M14A), clone 3G8 Western Blot analysis of MRPS27 expression in A-431 ( Cat # L015V1 ).



Western Blot detection against Immunogen (38.72 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length recombinant MRPS27.
<b>Immunogen</b>	MRPS27 (AAH30521, 51 a.a. ~ 168 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	SEEQSQNDEDNQGSEKLVEQLDIEETEQSKLPQYLERFKALHSKLQALGKIESEGLLSLTTQLVK EKLSTCEAEDIATYEQNLQQWHLDLVQLIQREQQREQAKQEYQAQKAASAKASA
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgM Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (38.72 KDa) .

**Storage Buffer**

In ascites fluid

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

MRPS27 monoclonal antibody (M14A), clone 3G8 Western Blot analysis of MRPS27 expression in A-431 ( Cat # L015V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — MRPS27

**Entrez GeneID**

[23107](#)

**GeneBank Accession#**

[BC030521](#)

**Protein Accession#**

[AAH30521](#)

**Gene Name**

MRPS27

**Gene Alias**

FLJ21764, FLJ23348, KIAA0264, MRP-S27, S27mt

**Gene Description**

mitochondrial ribosomal protein S27

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S 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 28S subunit protein that may be a functional partner of the death associated protein 3 (DAP3). [provided by RefSeq]

**Other Designations**mitochondrial 28S ribosomal protein S27

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