

# [KD Validated] MRPL11 Rabbit pAb

Catalog No.: A24775

## Basic Information

### Observed MW

21kDa

### Calculated MW

18kDa/19kDa/20kDa

### Category

Primary antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human

## Background

This nuclear gene encodes a 39S subunit component of the mitochondrial ribosome. Alternative splicing results in multiple transcript variants. Pseudogenes for this gene are found on chromosomes 5 and 12.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Contact

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## Immunogen Information

### Gene ID

65003

### Swiss Prot

Q9Y3B7

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

MRPL11; CGI-113; L11MT; MRP-L11; mitochondrial ribosomal protein L11

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

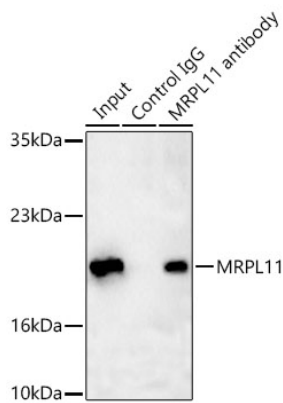
Affinity purification

### Storage

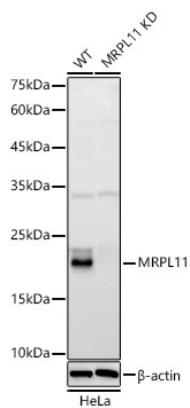
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Immunoprecipitation of MRPL11 in 500  $\mu$ g extracts from HeLa cells using 3  $\mu$ g MRPL11 Rabbit pAb (A24775). Western blot analysis was performed using MRPL11 Rabbit pAb (A24775) at 1:1000 dilution.



Western blot analysis of lysates from wild type (WT) and MRPL11 knockdown (KD) HeLa cells using [KD Validated] MRPL11 Rabbit pAb (A24775) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.