# RRM2B Rabbit pAb

Catalog No.: A8020 1 Publications



## **Basic Information**

#### **Observed MW**

Refer to figures

#### **Calculated MW**

41kDa

#### Category

Primary antibody

### **Applications**

IF/ICC,ELISA

#### **Cross-Reactivity**

Human

# **Background**

This gene encodes the small subunit of a p53-inducible ribonucleotide reductase. This heterotetrameric enzyme catalyzes the conversion of ribonucleoside diphosphates to deoxyribonucleoside diphosphates. The product of this reaction is necessary for DNA synthesis. Mutations in this gene have been associated with autosomal recessive mitochondrial DNA depletion syndrome, autosomal dominant progressive external ophthalmoplegia-5, and mitochondrial neurogastrointestinal encephalopathy. Alternatively spliced transcript variants have been described.

## **Recommended Dilutions**

IF/ICC

1:50 - 1:200

**ELISA** 

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

# Immunogen Information

**Gene ID** 50484

Swiss Prot Q7LG56

# Immunogen

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

### **Synonyms**

P53R2; RCDFRD; MTDPS8A; MTDPS8B; RRM2B

## **Contact**

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## **Product Information**

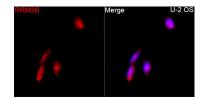
SourceIsotypePurificationRabbitIgGAffinity purification

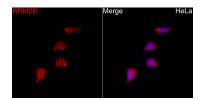
#### Storage

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

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

# **Validation Data**





Immunofluorescence analysis of U-2 OS cells using RRM2B Rabbit pAb (A8020) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of HeLa cells using RRM2B Rabbit pAb (A8020) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.