

# Anti-RRM2 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 3105**

## Aliases

RRM2; Ribonucleotide Reductase Regulatory Subunit M2;  
Ribonucleoside-Diphosphate Reductase Subunit M2; Ribonucleotide Reductase M2 Polypeptide;  
Ribonucleotide Reductase Small Subunit; Ribonucleotide Reductase Small Chain;  
EC 1.17.4.1; FLJ25102; C2orf48; RR2; Chromosome 2 Open Reading Frame 48; Uncharacterized  
Protein C2orf48; RR2M; R2

## Background

Gene Name: RRM2  
NCBI Gene Entry: [6241](#)  
UniProt Entry: [P31350](#)

## Application Information

Molecular Weight: Predicted, 45 kDa; observed, 45 kDa  
Clonality: Rabbit monoclonal antibody  
Clone ID: 24GB4090  
Species Reactivity: Human  
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human RRM2

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000  
Flow Cytometry (FCM): 1:2,000  
Immunocytochemistry (IC): 1:100-1:1,000

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### SUPPORT

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### ORDERS

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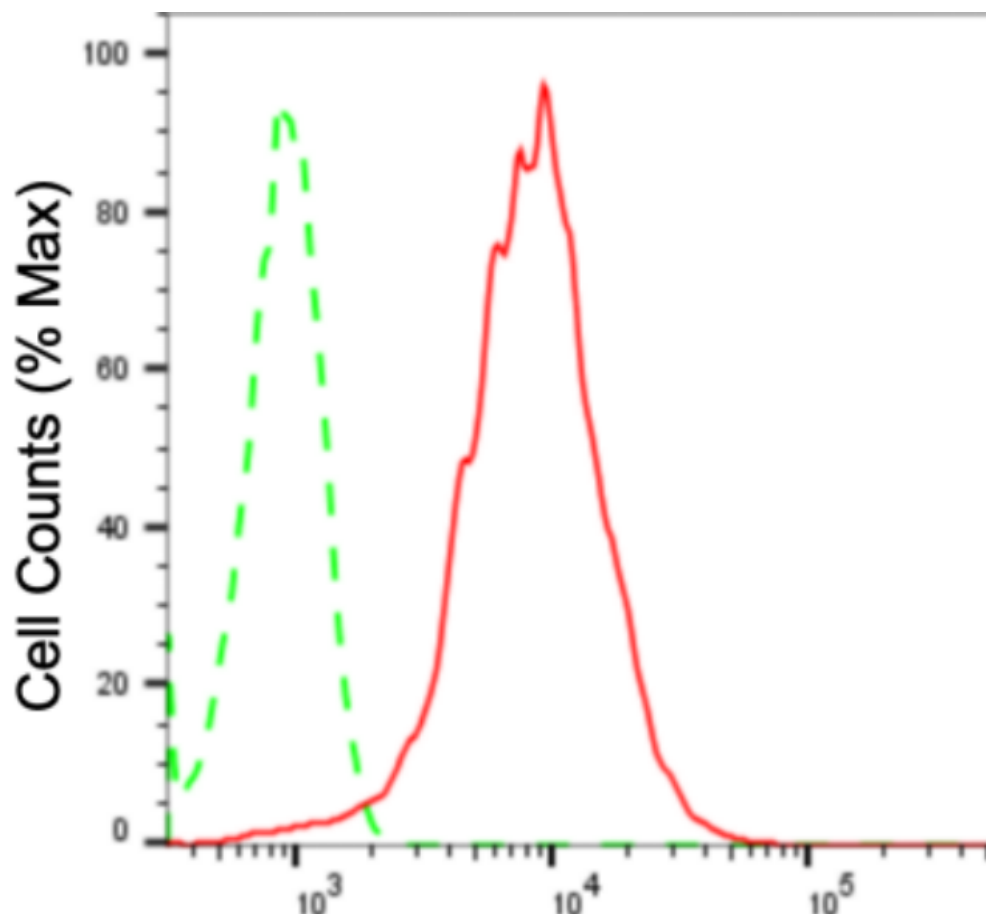
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**Note:** This product is for research use only.

## Validation Data



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## Ribonucleotide reductase regulatory subunit M2-Alexa Fluor® 647

Flow cytometric analysis of ribonucleotide reductase regulatory subunit M2 expression in HepG2 cells using anti-ribonucleotide reductase regulatory subunit M2 antibody (Cat#3105, 1:2,000). Green, isotype control; red, ribonucleotide reductase regulatory subunit M2.

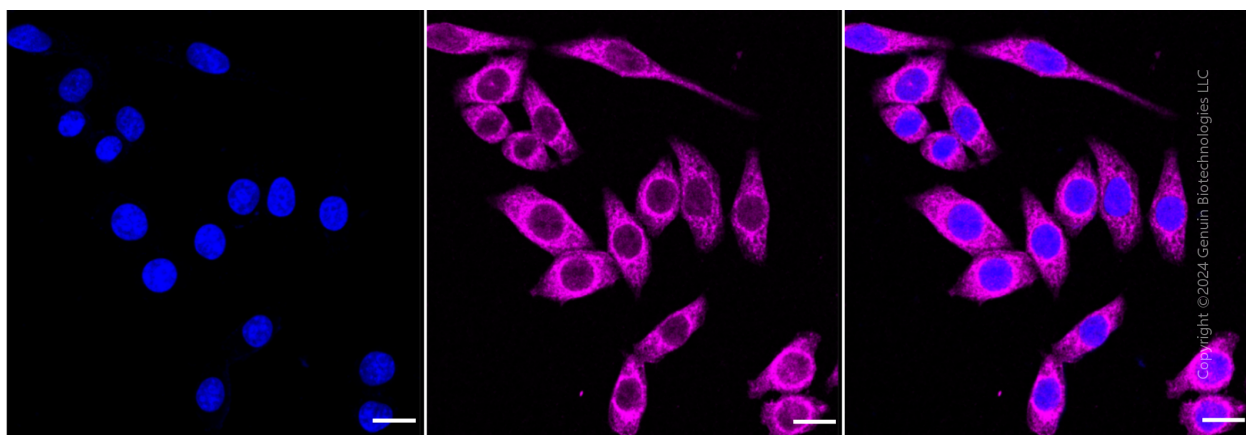
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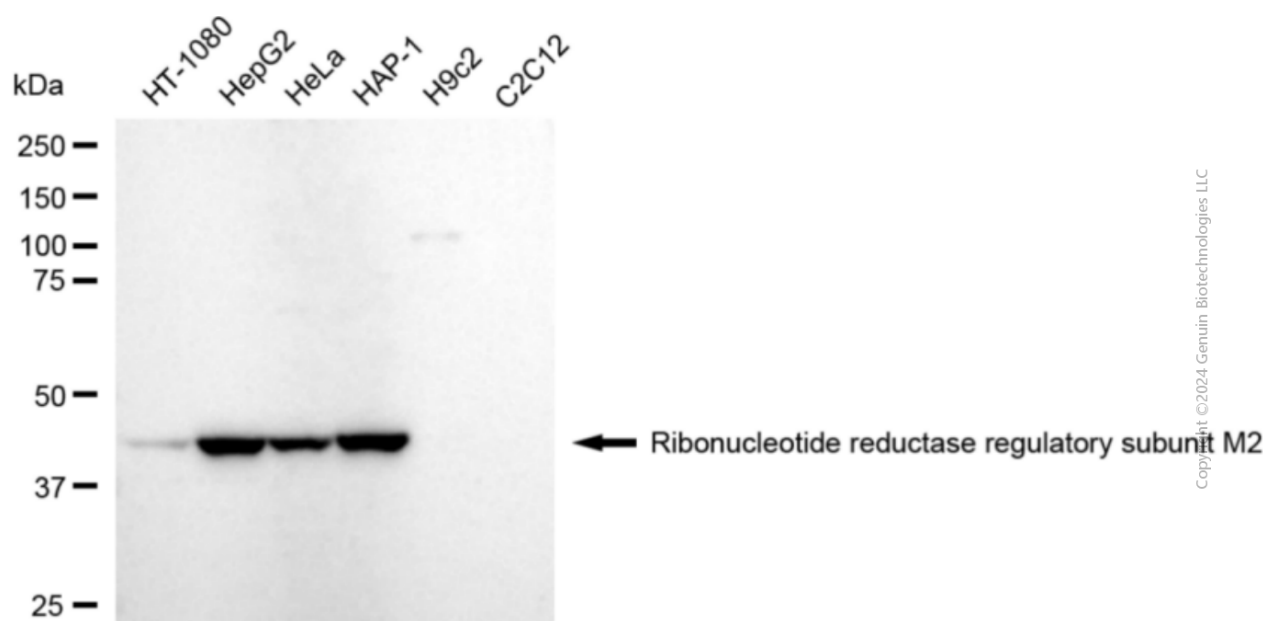
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Immunocytochemical staining of HepG2 cells with anti-Ribonucleotide reductase regulatory subunit M2 antibody (Cat#3105, 1:1,000). Nuclei were stained blue with DAPI; Ribonucleotide reductase regulatory subunit M2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-ribonucleotide reductase regulatory subunit M2 antibody (Cat#3105). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ribonucleotide reductase regulatory subunit M2 antibody (Cat#3105, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).