

**RRM2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6619c****Specification**

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**RRM2 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P31350](#)

**RRM2 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 6241

**Other Names**

Ribonucleoside-diphosphate reductase subunit M2, Ribonucleotide reductase small chain, Ribonucleotide reductase small subunit, RRM2, RR2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a href=/products/AP6619c>AP6619c</a> was selected from the Center region of human RRM2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RRM2 Antibody (Center) Blocking Peptide - Protein Information**

**Name** RRM2

**Synonyms** RR2

**Function**

Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. Inhibits Wnt signaling.

**Cellular Location**

Cytoplasm. Nucleus. Note=Localized to the cytoplasm in S phase cells. May localize to the nucleus in G2 phase cells

**RRM2 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**RRM2 Antibody (Center) Blocking Peptide - Images****RRM2 Antibody (Center) Blocking Peptide - Background**

RRM2 is one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the protein (M2) is regulated in a cell-cycle dependent fashion.

**RRM2 Antibody (Center) Blocking Peptide - References**

Kolesar,J., Cancer Chemother. Pharmacol. 64 (1), 79-86 (2009)Liu,X., Methods Mol. Biol. 477, 195-206 (2008)