

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

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 [AP6619c](/products/AP6619c) 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)