

RRM2 Antibody (clone 1E1)
Mouse Monoclonal Antibody
Catalog # ALS13388**Specification**

RRM2 Antibody (clone 1E1) - Product Information

Application	WB, IF, IHC
Primary Accession	P31350
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	45kDa KDa

RRM2 Antibody (clone 1E1) - Additional Information**Gene ID** 6241**Other Names**

Ribonucleoside-diphosphate reductase subunit M2, 1.17.4.1, Ribonucleotide reductase small chain, Ribonucleotide reductase small subunit, RRM2, RR2

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

RRM2 Antibody (clone 1E1) is for research use only and not for use in diagnostic or therapeutic procedures.

RRM2 Antibody (clone 1E1) - 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

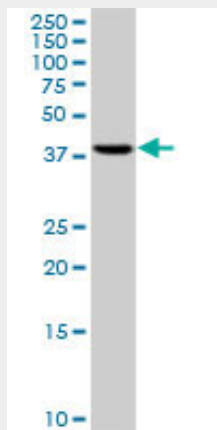
Cytoplasm. Nucleus. Note=Localized to the cytoplasm in S phase cells. May localize to the nucleus in G2 phase cells

RRM2 Antibody (clone 1E1) - Protocols

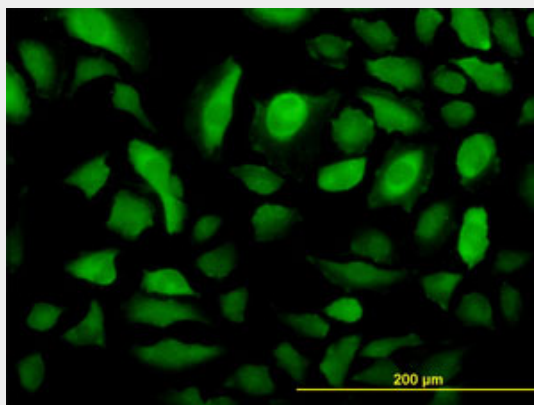
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

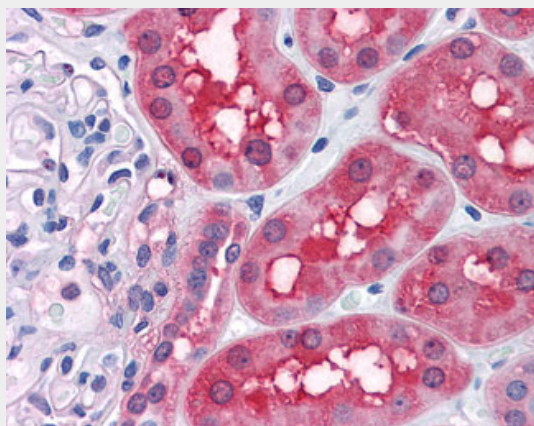
RRM2 Antibody (clone 1E1) - Images



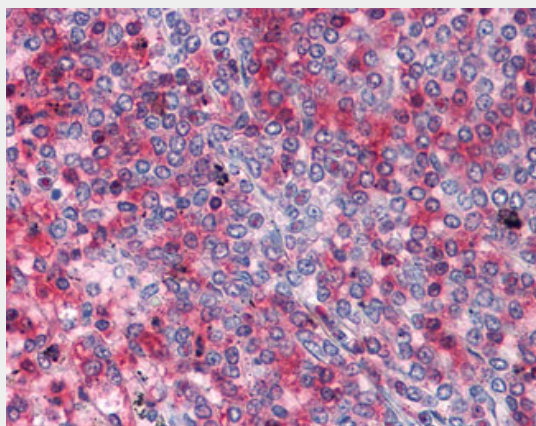
RRM2 monoclonal antibody clone 1E1. Western blot of RRM2 expression in HepG2.



Immunofluorescence of monoclonal antibody to RRM2 on HeLa cell (antibody concentration 10 ug/ml).



Anti-RRM2 antibody IHC of human kidney.



Anti-RRM2 antibody IHC of human spleen.

RRM2 Antibody (clone 1E1) - Background

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

RRM2 Antibody (clone 1E1) - References

- Pavloff N.,et al.DNA Seq. 2:227-234(1992).
Zhou B.,et al.Cytogenet. Cell Genet. 95:52-59(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).