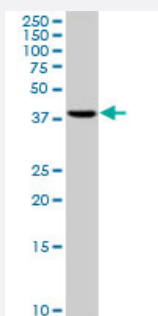


RRM2 monoclonal antibody (M01A), clone 1E1

Catalog # H00006241-M01A

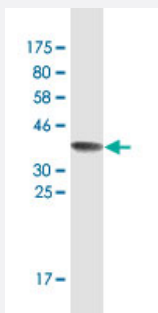
Size 200 uL

Applications



Western Blot (Cell lysate)

RRM2 monoclonal antibody (M01A), clone 1E1. Western Blot analysis of RRM2 expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant RRM2.

Immunogen

RRM2 (NP_001025, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MLSLRVPLAPITDPQQQLQLSPLKGLSLVDKENTPPALSGTRVLASKTARRIFQEPTPKTKAAAPG
VEDEPLLRENPRRFVIFPIEYHDWQMYKAEASFWTAEEVDLS

Host

Mouse

Reactivity

Human

Isotype

IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.84 KDa) .

Storage Buffer

In ascites fluid

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RRM2 monoclonal antibody (M01A), clone 1E1. Western Blot analysis of RRM2 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RRM2

Entrez GeneID

[6241](#)

GeneBank Accession#

[NM_001034](#)

Protein Accession#

[NP_001025](#)

Gene Name

RRM2

Gene Alias

R2, RR2M

Gene Description

ribonucleotide reductase M2 polypeptide

Omim ID

[180390](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the encoded protein (M2) is regulated in a cell-cycle dependent fashion. Transcription from this gene can initiate from alternative promoters, which results in two isoforms that differ in the lengths of their N-termini. Related pseudogenes have been identified on chromosomes 1 and X. [provided by RefSeq]

Other Designations

ribonucleotide reductase M2 subunit

Pathway

- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [p53 signaling pathway](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)