
Product Name: RRM1 Mouse Monoclonal Antibody**Catalog #: AMM82434**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	90kDa

Antigen Information

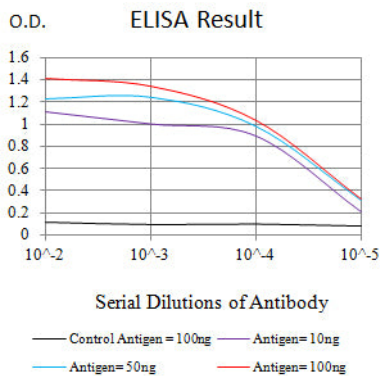
Gene Name	RRM1
Alternative Names	R1; RR1; RIR1
Gene ID	6240.0
SwissProt ID	P23921
Immunogen	Purified recombinant fragment of human RRM1 (AA: 541-792) expressed in E. Coli.

Background

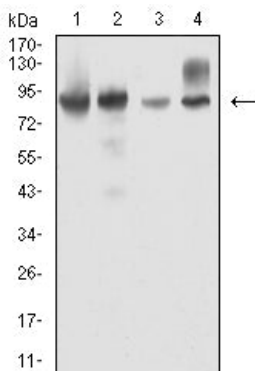
This gene encodes the large and catalytic subunit of ribonucleotide reductase, an enzyme essential for the conversion of ribonucleotides into deoxyribonucleotides. A pool of available deoxyribonucleotides is important for DNA replication during S phase of the cell cycle as well as multiple DNA repair processes. Alternative splicing results in multiple transcript variants.

Research Area

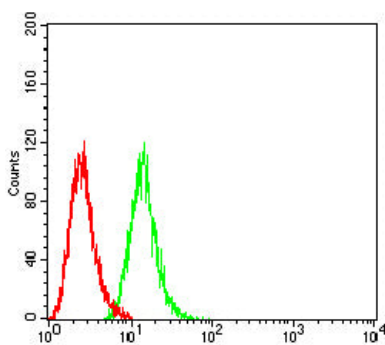
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using RRM1 mouse mAb against HeLa (1), Jurkat (2), HT-29 (3), and A431 (4) cell lysate.



Flow cytometric analysis of HeLa cells using RRM1 mouse mAb (green) and negative control (red).