
Product Name: RRM2B Rabbit Monoclonal Antibody**Catalog #: AMRe87594**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:200-1:500,IP 1:10-1:100
Molecular Weight	Calculated MW:41 kDa; Observed MW:41 kDa

Antigen Information

Gene Name	RRM2B
Alternative Names	P53R2; MTDPS8A; MTDPS8B
Gene ID	50484
SwissProt ID	Q7LG56
Immunogen	A synthetic peptide of human RRM2B

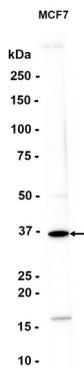
Background

This gene encodes the small subunit of a p53-inducible ribonucleotide reductase. This heterotetrameric enzyme catalyzes the conversion of ribonucleoside diphosphates to deoxyribonucleoside diphosphates. The product of this reaction is necessary for

DNA synthesis. Mutations in this gene have been associated with autosomal recessive mitochondrial DNA depletion syndrome, autosomal dominant progressive external ophthalmoplegia-5, and mitochondrial neurogastrointestinal encephalopathy. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2010]

Research Area

Image Data



Western blot analysis of extracts from MCF-7 cells using RRM2B Rabbit Monoclonal Antibody at 1:1000.