



Rabbit Anti-Human RRM1 monoclonal antibody, clone TQ278 (CABT-L1835)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Mouse
Target	RRM1
Immunogen	Synthetic peptide in the internal region of human RRM1 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ278
Purification	Protein A/G purified
Conjugate	Unconjugated
Applications	IHC-P, FC
Molecular Weight	90 kDa
Cellular Localization	Cytoplasm
Positive Control	Lung Adenocarcinoma
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide

Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.
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BACKGROUND

Introduction	Ribonucleotide reductase M1 polypeptide (RRM1) is one of two non-identical subunits for ribonucleoside-diphosphate reductase, an enzyme which catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. It provides the precursors necessary for DNA synthesis. RRM1 is present throughout the cell division cycle but downregulated in quiescent cells. RRM1 is involved in carcinogenesis, tumor progression, and the response of non-small-cell lung cancer (NSCLC) to chemotherapy.
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Keywords	RRM1;ribonucleotide reductase M1;ribonucleotide reductase M1 polypeptide;ribonucleoside-diphosphate reductase large subunit;ribonucleotide reductase, R1 subunit;ribonucleotide reductase, large subunit;ribonucleoside-diphosphate reductase subunit M1;R1;RR1;RIR1
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GENE INFORMATION

Entrez Gene ID	6240
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UniProt ID	P23921
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