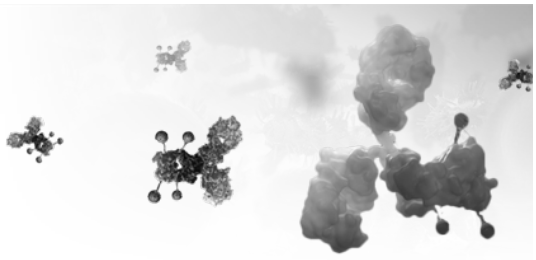

Rabbit Anti-Human RRM1 Monoclonal Antibody, clone CQ7233 (CABT-Z277R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to residues within aa700-800 of Human RRM1 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7233
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	90 kDa
Cellular Localization	Breast Carcinoma
Positive Control	Cytoplasmic
Format	Liquid
Concentration	Lot specific
Size	100 µl

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Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

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.
Keywords	RRM1; ribonucleotide reductase M1; ribonucleotide reductase M1 polypeptide; ribonucleosidediphosphate reductase large subunit; ribonucleotide reductase, R1 subunit; ribonucleotide reductase, large subunit; ribonucleoside-diphosphate reductase subunit M1; R1; RR1; RIR1

GENE INFORMATION

Gene Name	RRM1
Entrez Gene ID	6240
UniProt ID	P23921

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