

Anti-RRM2 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9817-Fluoro488

About RRM2

Ribonucleoside-diphosphate reductase subunit M2, also known as ribonucleotide reductase small subunit, is an enzyme that in humans is encoded by the RRM2 gene. It is mapped to 2p25-p24. 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 which differ in the lengths of their N-termini. Related pseudogenes have been identified on chromosomes 1 and X.

Overview

Product Name	Anti-RRM2 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P31350

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RRM2, different from the related mouse and rat sequences by eight amino acids.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 25523932, Xu Lx, Li Zh, Tao Yf, Li Rh, Fang F, Zhao H, Li G, Li Yh, Wang J, Feng X, Pan J. J Exp Clin Cancer Res. 2014 Dec 19;33:108. Doi: 10.1186/S13046-014-0108-3. Histone Acetyltransferase Inhibitor Ii Induces Apoptosis In Glioma Cell Lines Via The P53 S...

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