

KD-Validated Anti-RRM1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

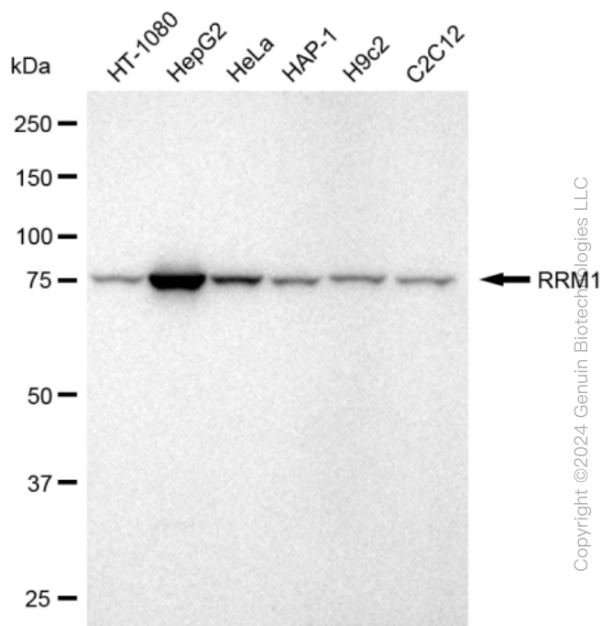
ABG2379

Product Overview

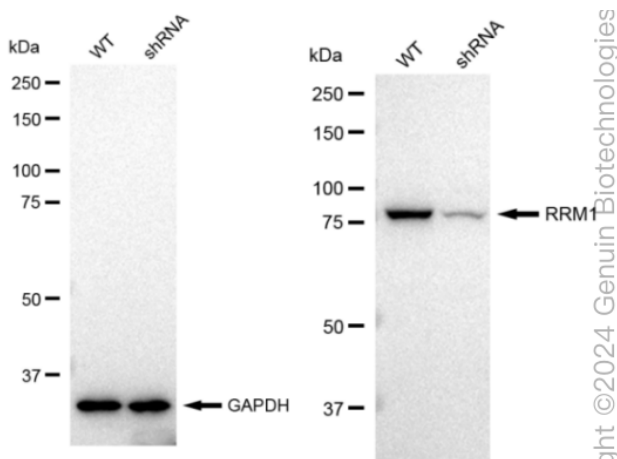
Name	KD-Validated Anti-RRM1 Rabbit Monoclonal Antibody
Accession(Primary)	P23921
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human beta RRM1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 90 kDa ; Observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Flow cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P23921)

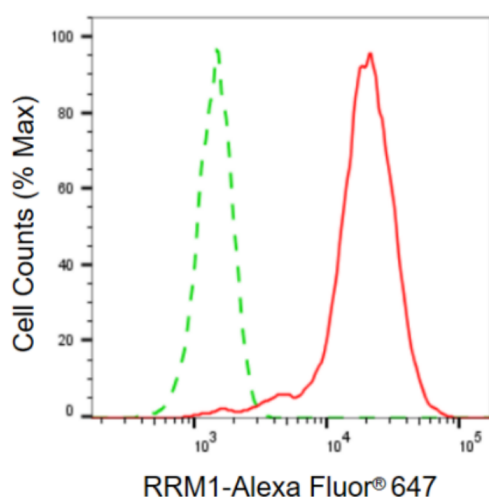
Gene Name	RRM1
About Gene Symbol	RRM1 (Ribonucleotide Reductase Catalytic Subunit M1) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms



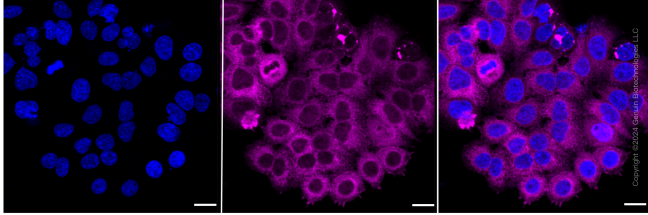
Western blotting analysis using anti-RRM1 antibody (Cat#ABG2379). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RRM1 antibody (Cat#ABG2379, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-RRM1 antibody (Cat#ABG2379). RRM1 expression in wild type (WT) and RRM1 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. GAPDH serves as a loading control. The blot was incubated with anti-RRM1 antibody (Cat#ABG2379, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of RRM1 expression in HepG2 cells using RRM1 antibody (Cat#ABG2379, 1:2,000). Green, isotype control; red, RRM1.



Immunocytochemical staining of HepG2 cells with RRM1 antibody (Cat#ABG2379, 1:1,000). Nuclei were stained blue with DAPI; RRM1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.