

RRM1 (PT0842R) PT™ Rabbit mAb

CatalogNo: YM8641 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, WB, IF, IP, ELISA

MW

- 90kD (Calculated)
- 90kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:50-1:200**WB 1:1000-1:5000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT0842R

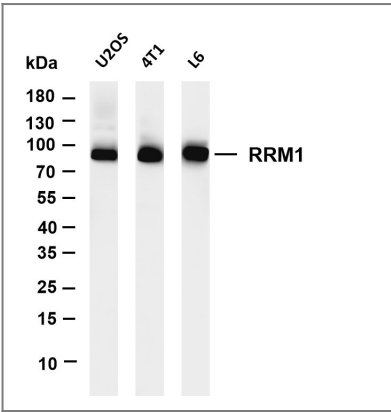
Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.**Specificity** Endogenous

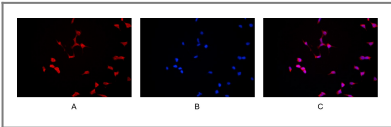
Target Information

Gene name	RRM1 RR1		
Protein Name	Ribonucleoside-diphosphate reductase large subunit (Ribonucleoside-diphosphate reductase subunit M1) (Ribonucleotide reductase large subunit)		
	Organism	Gene ID	UniProt ID
	Human	1499 ;	P23921 ;
	Mouse	20133 ;	P07742 ;
	Rat	84353 ;	Q9WU82 ;
Cellular Localization	Cytoplasm		
Tissue specificity	Expressed in several hair follicle cell types: basal and peripheral matrix cells, and cells of the outer and inner root sheaths. Expressed in colon. Present in cortical neurons (at protein level). Expressed in breast cancer tissues (at protein level) (PubMed:29367600).		
Function	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides.		

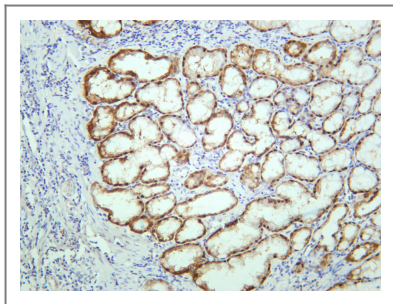
Validation Data



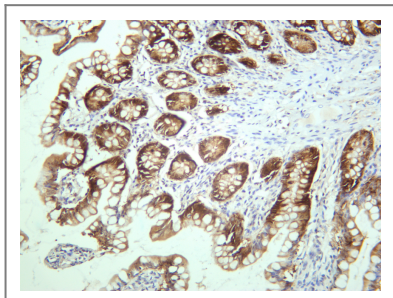
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-RRM1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: U2OS Lane 2: 4T1 Lane 3: L6 Predicted band size: 90kDa Observed band size: 90kDa



Immunofluorescence analysis of HEK293. Picture A: RRM1 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B



Human gastric adenocarcinoma was stained with anti-RRM1 (PT0842R) Rabbit antibody



Human colon was stained with anti-RRM1 (PT0842R) Rabbit antibody

| Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
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RRM1 (PT0842R)
PT™ Rabbit mAb

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