



Datasheet for ABIN7193575
anti-RRM1 antibody (AA 541-792)



[Go to Product page](#)

7 Images

Overview

Quantity:	0.1 mg
Target:	RRM1
Binding Specificity:	AA 541-792
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RRM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human RRM1 (AA: 541-792) expressed in E. coli.
Clone:	2D6D8
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	RRM1
Alternative Name:	RRM1 (RRM1 Products)
Background:	Description: This gene encodes the large and catalytic subunit of ribonucleotide reductase, an enzyme essential for the conversion of ribonucleotides into deoxyribonucleotides. A pool of

Target Details

available deoxyribonucleotides is important for DNA replication during S phase of the cell cycle as well as multiple DNA repair processes. Alternative splicing results in multiple transcript variants.

Aliases: R1, RR1, RIR1

Molecular Weight: 90 kDa

Gene ID: 6240

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

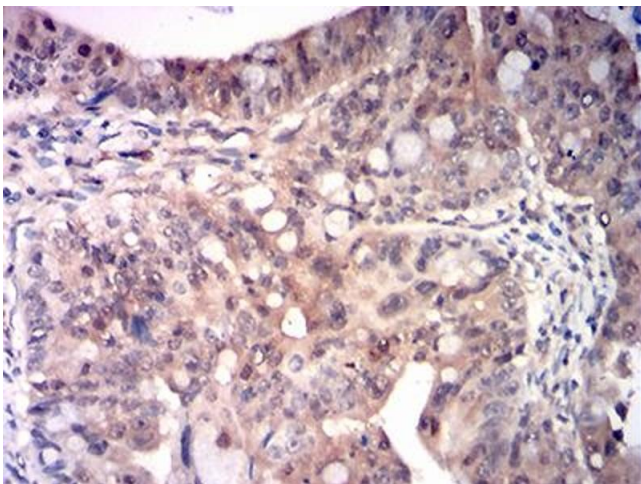
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

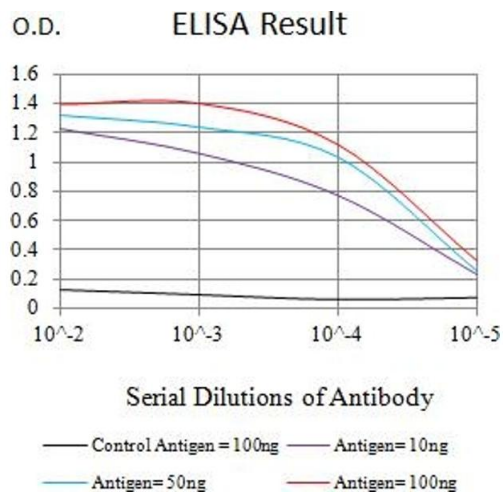
Storage Comment: 4°C, -20°C for long term storage

Images



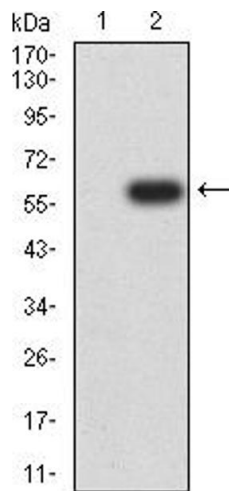
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using RRM1 mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using RRM1 mAb against HEK293 (1) and RRM1 (AA: 541-792)-hlgGfc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7193575.