

RPRD1B Monoclonal Antibody

catalog number: AN200140P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

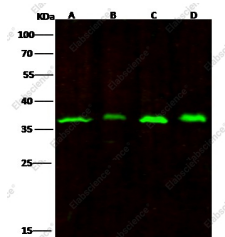
Reactivity	Human
Immunogen	Recombinant Human RPRD1B Protein
Host	Mouse
Isotype	Mouse IgG2b
Clone	A988
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with RPRD1B Monoclonal Antibody at dilution of 1:500. Lane A: Jurkat Whole Cell Lysate, Lane B: HeLa Whole Cell Lysate, Lane C: HepG2 Whole Cell Lysate, Lane D: 293T Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:37 kDa

Calculated-MW:37 kDa

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

Interacts with phosphorylated C-terminal heptapeptide repeat domain (CTD of the largest RNA polymerase II subunit POLR2A, and participates in dephosphorylation of the CTD by RPAP2. Transcriptional regulator which enhances expression of CCND1. Promotes binding of RNA polymerase II to the CCND1 promoter and to the termination region before the poly-A site but decreases its binding after the poly-A site. Prevents RNA polymerase II from reading through the 3' end termination site and may allow it to be recruited back to the promoter through promotion of the formation of a chromatin loop. Also enhances the transcription of a number of other cell cycle-related genes including CDK2, CDK4, CDK6 and cyclin-E but not CDKN1A, CDKN2B or cyclin-A. Promotes cell proliferation.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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