

## Anti-RPRD1B Antibody (80830)

### Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	80830
Purification:	Protein A

### Applications

Verified Activity:	Anti-RPRD1B mouse monoclonal antibody at 1:500 dilution. -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. -Secondary -Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution. -Developed using the Odyssey technique. -Performed under reducing conditions. -Predicted band size:37 kDa. -Observed band size:37 kDa
Application:	WB
Recommended	WB: 1:500-1:2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Human RPRD1B Protein (TMPY-03599)
Antigen Species:	Human
Synonyms:	NET60;C20orf77;regulation of nuclear pre-mRNA domain containing 1B;CREPT;dj1057B20.2

### Research Background

RPRD1B, together with RPRD1A, can accompany RNAP II from promoter regions to 3'-untranslated regions during transcription in vivo, predominantly interact with phosphorylated RNAP II, and can reduce CTD S5- and S7-phosphorylated RNAP II at target gene promoters. RNA polymerase II C-terminal domain (CTD) phosphorylation is important for various transcription-related processes. RPRD1B is a transcriptional regulator that enhances expression of CCND1. It also enhances the transcription of a number of other cell cycle-related genes including CDK2, CDK4, CDK6 and cyclin-E but not CDKN1A, CDKN1B or cyclin-A.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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