

Anti-RPRD1B Antibody (8W215)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8W215
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human RPRD1B in human hepatoma with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human RPRD1B in human lung carcinoma with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:50-1:200

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:	regulation of nuclear pre-mRNA domain containing 1B;NET60;C20orf77;dj1057B20.2;CREPT

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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