



RBM8A mouse mAb

Catalog No	BYmab-08911
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	RBM8A RBM8 HSPC114 MDS014
Protein Name	RBM8A
Immunogen	Synthesized peptide derived from human RBM8A AA range: 118-168
Specificity	This antibody detects endogenous levels of RBM8A at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus . Nucleus speckle . Cytoplasm . Nucleocytoplasmic shuttling protein (PubMed:11030346). Travels to the cytoplasm as part of the exon junction complex (EJC) bound to mRNA. Colocalizes with the core EJC, ALYREF/THOC4, NXF1 and UAP56 in the nucleus and nuclear speckles (PubMed:19324961). .
Tissue Specificity	Ubiquitous.
Function	function:Part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Associates preferentially with mRNAs produced by splicing. Does not interact with pre-mRNAs, introns, or mRNAs produced from intronless cDNAs. Associates with both nuclear mRNAs and newly exported cytoplasmic mRNAs. Complex with MAGOH is a component of the nonsense mediated decay (NMD) pathway.,sequence caution:Chimeric cDNA. A chimeric cDNA originating from chromosomes 1 and 5.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Found in a mRNA splicing-dependent exon junction complex (EJC) with DEK, NCBP1,

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NCBP2, NXF1, RBM8A, RNPS1, RENT2, RENT3A, RENT3B, SRRM1 and THOC4. Found in a post-splicing complex with NXF1, RBM8A, RENT1, RENT2, RENT3A, RENT3B and RNPS1. Interacts with

Background

This gene encodes a protein with a conserved RNA-binding motif. The protein is found predominantly in the nucleus, although it is also present in the cytoplasm. It is preferentially associated with mRNAs produced by splicing, including both nuclear mRNAs and newly exported cytoplasmic mRNAs. It is thought that the protein remains associated with spliced mRNAs as a tag to indicate where introns had been present, thus coupling pre- and post-mRNA splicing events. Previously, it was thought that two genes encode this protein, RBM8A and RBM8B; it is now thought that the RBM8B locus is a pseudogene. There are two alternate translation start codons with this gene, which result in two forms of the protein. An allele mutation and a low-frequency noncoding single-nucleotide polymorphism (SNP) in this gene cause thrombocytopenia-absent radius (TAR) syndrome. [provided by RefSeq, Jul 2013],

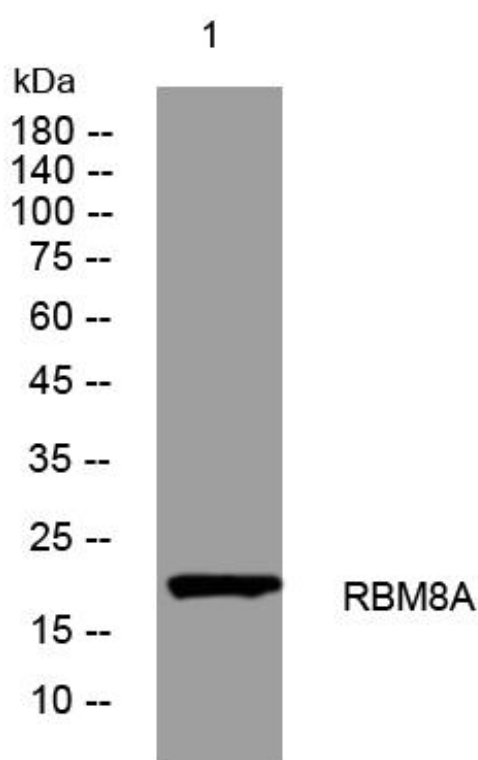
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using RBM8A mouse mAb

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