

# Product Datasheet

## **RBM8A Antibody (PCRP-RBM8A-1B4) [Alexa Fluor® 350] NBP3-08800AF350**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08800AF350**

RBM8A Antibody (PCRP-RBM8A-1B4) [Alexa Fluor® 350]

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PCRP-RBM8A-1B4
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor 350
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	9939
<b>Gene Symbol</b>	RBM8A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	RBM8A Antibody is a high quality monoclonal RBM8A antibody (also designated RBM8A antibody) suitable for the detection of the RBM8A protein of mouse, rat, human and Xenopus laevis origin. RBM8A Antibody (4C4) is available as both the non-conjugated anti-RBM8A antibody form, as well as multiple conjugated forms of anti-RBM8A antibody, including agarose, HRP, PE, FITC and multiple Alexa Fluor conjugates. The exon junction complex (EJC) is a multiprotein complex that assembles approximately 20-24 nucleotides upstream of exon-exon junctions in pre-mRNAs. It is involved in mRNA export, cytoplasmic localization, and nonsense-mediated mRNA decay. Members of the EJC include RBM8A, Aly/REF, Magoh, RNPS1, SRm160, and DEK. Aly/REF, Magoh, and RBM8A, identified as RBM8 in mouse and rat, make up the core of the EJC, and these proteins remain stably bound to spliced mRNAs in the cytoplasm until they are translated. Therefore, RBM8A, Aly/REF, and Magoh have the ability to communicate to the cytoplasm the processing history of the mRNA, including the position of the removed introns. The gene encoding human RBM8A encodes three transcripts. RBM8A is a ubiquitously expressed protein. Although RBM8A shuttles to the cytoplasm, it is predominantly detected in the nucleus and is co-localized with oskar mRNA at the posterior pole of the cell.
<b>Immunogen</b>	Recombinant full-length human RBM8A protein (Uniprot: Q9Y5S9)



<b>Notes</b>	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>
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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Protein Array
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Protein Array
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

RBM8A Antibody (PCR-RBM8A-1B4) [Alexa Fluor® 350] [NBP3-08800AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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### **Products Related to NBP3-08800AF350**

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NBP1-97005AF350	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 350]
NBP1-51060-0.05mg	Recombinant Human RBM8A His Protein
DPSG10	PSG1 [HRP]
NBL1-15217	RBM8A Overexpression Lysate

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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