

# Product Datasheet

## RBM8A Antibody (PCRP-RBM8A-1B4) [PE] NBP3-08800PE

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08800PE**

RBM8A Antibody (PCRP-RBM8A-1B4) [PE]

<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>	PE
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS
<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>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.





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

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NBP1-97005PE	Mouse IgG1 Isotype Control (MG1) [PE]
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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