

Product Datasheet

RBM8A Antibody (PCRP-RBM8A-1B4) - Azide and BSA Free NBP3-08800

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08800

RBM8A Antibody (PCRP-RBM8A-1B4) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PCRP-RBM8A-1B4
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	24 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07479). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	9939
Gene Symbol	RBM8A
Species	Human
Specificity/Sensitivity	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.
Immunogen	Recombinant full-length human RBM8A protein (Uniprot: Q9Y5S9)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Protein Array

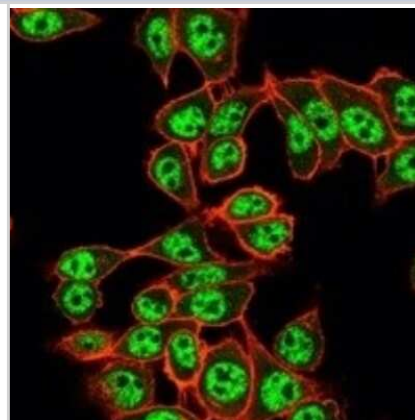


Application Notes

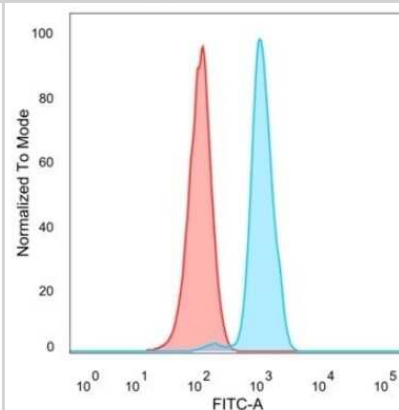
Optimal dilution for a specific application should be determined.

Images

Immunocytochemistry/Immunofluorescence: RBM8A Antibody (PCRP-RBM8A-1B4) [NBP3-08800] - Immunofluorescence Analysis of PFA-fixed HeLa cells using RBM8A Mouse Monoclonal Antibody (PCRP-RBM8A-1B4) followed by goat anti- Mouse IgG-CF488 (green). CF640A phalloidin (red).



Flow Cytometry: RBM8A Antibody (PCRP-RBM8A-1B4) [NBP3-08800] - Flow Cytometric Analysis of PFA-fixed HeLa cells. RBM8A Mouse Monoclonal Antibody (PCRP-RBM8A-1B4) followed by goat anti- Mouse IgG-CF488 (blue); unstained cells (red).



Protein Array: RBM8A Antibody (PCRP-RBM8A-1B4) [NBP3-08800] - Analysis of Protein Array containing more than 19,000 full-length human proteins using RBM8A Mouse Monoclonal Antibody (PCRP-RBM8A-1B4).





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Products Related to NBP3-08800

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-51060-0.05mg	Recombinant Human RBM8A His Protein

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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