

Product Datasheet

RBFOX3/NeuN Antibody (1B7) [Alexa Fluor® 700] NBP1-92693AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-92693AF700

RBFOX3/NeuN Antibody (1B7) [Alexa Fluor® 700]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	1B7
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 700
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	33.8 kDa

Product Description	
Host	Mouse
Gene ID	146713
Gene Symbol	RBFOX3
Species	Human, Mouse, Rat
Reactivity Notes	Bovine, porcine, and other mammals.
Marker	Neuronal Marker
Immunogen	N-terminal 99 amino acids of human FOX3 as expressed in and purified from E. coli
Notes	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 outlicensing@lifetech.com . 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.

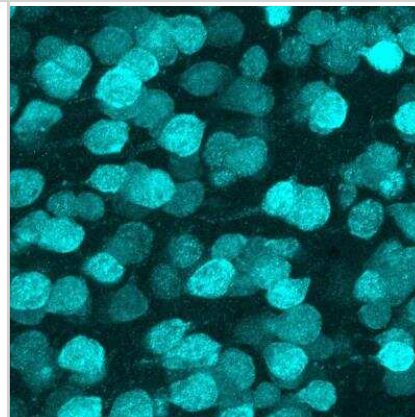
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready



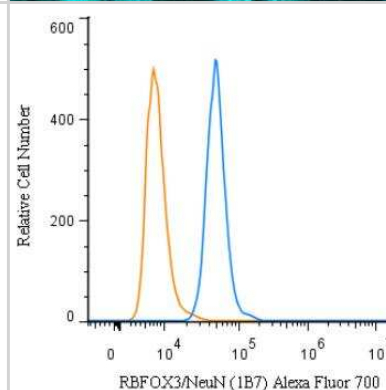
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), CyTOF-ready
Application Notes	This RBFOX3/Neun (1B7) antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot, where bands can be seen at 46 and 48 kDa. Use in IHC-frozen sections was reported in the scientific literature (PMID: 23776455). FLOW application was reported by Dr Xingrao Ke from Dept. of Pediatrics at Medical College of Wisconsin - see the product review for methodology details.

Images

Expression of NeuN in mouse cortex. Image from verified customer review.



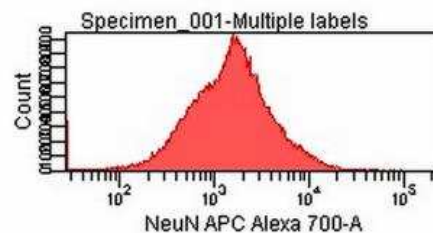
An intracellular stain was performed on U87-MG cells with RBFOX3/NeuN (1B7) antibody NBP1-92693AF700 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 700.



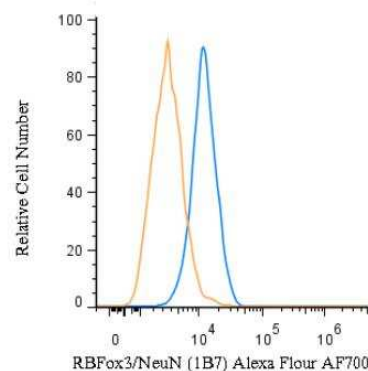
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FACS analysis of mouse brain cells - Trypsin-EDTA digestion, 2% PFA fixation, primary used at 1:10 dilution/ 1 hour RT incubation (Image provided by Dr Xingrao Ke from Dept. of Pediatrics at Medical College of Wisconsin; see the product review for methodology details).

RBFOX3/NeuN Antibody (NBP1-92693AF700) for Flow Cytometry with mouse brain tissue



An intracellular stain was performed on SH-SY5Y cells with RBFOX3/NeuN (1B7) antibody NBP1-92693AF700 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 700.



Publications

Varn FS, Johnson KC, Martinek J Et al. Glioma progression is shaped by genetic evolution and microenvironment interactions Cell 2022-06-01 [PMID: 35649412] (IHC-P, Human)

Details:

Citation using the Alexa Fluor 647 version of this antibody.

Lutz PE, Tanti A, Gasecka A et al. Association of a History of Child Abuse With Impaired Myelination in the Anterior Cingulate Cortex: Convergent Epigenetic, Transcriptional, and Morphological Evidence Am J Psychiatry 2017 Jul 28 [PMID: 28750583] (Flow, Human) Am J Psychiatry. 2017-07-28 [PMID: 28750583] (FLOW, Human)

Details:

Citation using the Alexa Fluor 700 form of this antibody.





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Products Related to NBP1-92693AF700

NBP1-43317AF700	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 700]
NBP1-77686PEP	RBFOX3/NeuN Antibody Blocking Peptide
DBD00	BDNF [HRP]
NBP2-10659	RBFOX3/NeuN Overexpression Lysate

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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