

Product Datasheet

RBFOX3/NeuN Antibody (1B7) [Allophycocyanin] NBP1-92693APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-92693APC

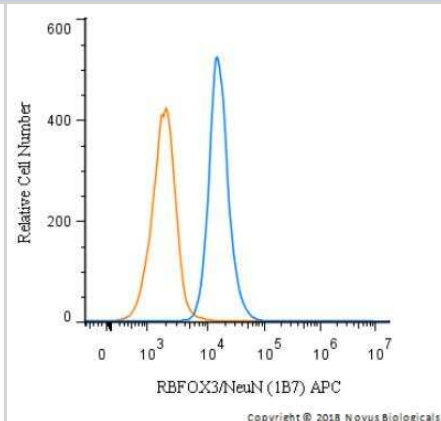
RBFOX3/NeuN Antibody (1B7) [Allophycocyanin]

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	Allophycocyanin
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	33.8 kDa
Product Description	
Description	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.
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
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). Use in FLOW cytometry reported in scientific literature (PMID 27666383).

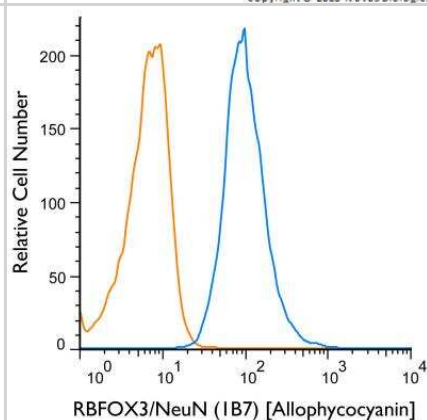


Images

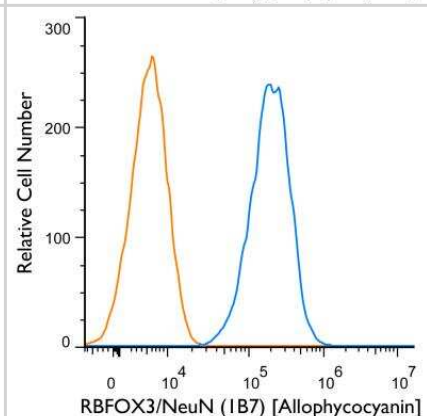
An intracellular stain was performed on A549 cells with RBFOX3/NeuN (1B7) antibody NBP1-92693APC (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Allophycocyanin.



An intracellular stain was performed on SH-SY5Y cells with RBFOX3/NeuN (1B7) antibody NBP1-92693APC (blue) and a matched isotype control NB600-986APC (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Allophycocyanin.



An intracellular stain was performed on U87MG cells with RBFOX3/NeuN antibody (1B7) NBP1-92693APC (blue) and a matched isotype control NB600-986APC (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Allophycocyanin.



Publications

Festa BP, Siddiqi FH, Jimenez-Sanchez M et al. Microglial-to-neuronal CCR5 signaling regulates autophagy in neurodegeneration *Neuron* 2023-04-18 [PMID: 37105172] (ChIP, Mouse)

Herring CA, Simmons RK, Freytag S Et al. Human prefrontal cortex gene regulatory dynamics from gestation to adulthood at single-cell resolution *Cell* 2022-11-01 [PMID: 36318921] (IHC-Fr, Human)

Details:

Citation using the Allophycocyanin version of this antibody.

Cohen S, Ke X, Liu Q et al. Adverse early life environment increases hippocampal microglia abundance in conjunction with decreased neural stem cells in juvenile mice *Int. J. Dev. Neurosci.* 2016-09-22 [PMID: 27666383] (FLOW, Mouse)

Details:

This citation used the Allophycocyanin version of this antibody.



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Products Related to NBP1-92693APC

NBP1-43317APC	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Allophycocyanin]
NBP1-92693F	RBFOX3/NeuN Antibody (1B7) [FITC]
NBP1-77686PEP	RBFOX3/NeuN Antibody Blocking Peptide
DBD00	BDNF [HRP]

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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