

Product Datasheet

SMN Antibody (2B1) [Alexa Fluor® 488] NB100-1936AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-1936AF488

SMN Antibody (2B1) [Alexa Fluor® 488]

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	2B1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 488
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	6606
Gene Symbol	SMN1
Species	Human, Mouse, Rat, Primate, Xenopus, Zebrafish
Reactivity Notes	Zebrafish reactivity reported in scientific literature (PMID: 27273160).
Immunogen	Purified recombinant His6-tagged human SMN protein. [Swiss-Prot# Q16637]
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, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin

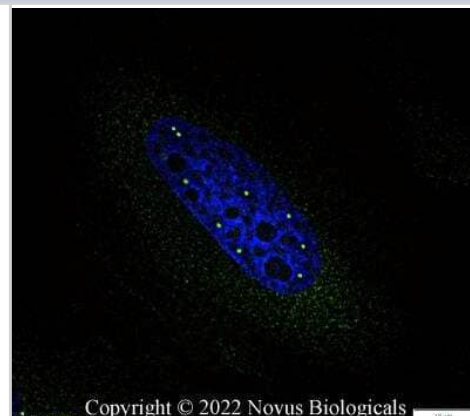


Application Notes

This SMN Antibody (2B1) is useful for Immunocytochemistry/Immunofluorescence, Immunohistochemistry on paraffin-embedded sections, Flow Cytometry, Immunoprecipitation and Western blot where a band can be seen at ~ 35 kDa. Use in ELISA reported in scientific literature (PMID 23973875)

Images

Immunocytochemistry/Immunofluorescence: SMN Antibody (2B1) [Alexa Fluor® 488] [NB100-1936AF488] - HeLa cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with SMN Antibody [2B1] conjugated to Alexa Fluor 488 (NB100-1936AF488) at 5 ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.

**Publications**

Otsuki N, Arakawa R, Kaneko K et al. A new biomarker candidate for spinal muscular atrophy: Identification of a peripheral blood cell population capable of monitoring the level of survival motor neuron protein PLoS ONE. 2018-08-13 [PMID: 30102724] (FLOW, Human)

Details:

Citation using the Alexa Fluor 488 form of this antibody.

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Products Related to NB100-1936AF488

DDXCM01A488	Mouse IgG1 Isotype Control [Alexa Fluor® 488]
NB100-1936AF647	SMN Antibody (2B1) [Alexa Fluor® 647]
NBP3-17675PEP	SMN Recombinant Protein Antigen
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

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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