

Product Datasheet

LC3B Antibody [Alexa Fluor® 532] NB100-2220AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-2220AF532

LC3B Antibody [Alexa Fluor® 532]

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 532
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Target Molecular Weight	14.688 kDa
Product Description	
Host	Rabbit
Gene ID	81631
Gene Symbol	MAP1LC3B
Species	Human, Mouse, Rat, Porcine, Alligator, Avian, Bacteria, Bovine, Canine, Chicken, Chinese Hamster, Guinea Pig, Hamster, Invertebrate, Monkey, Primate, Rabbit, Golden Syrian Hamster, Zebrafish
Reactivity Notes	Use in Rat reported in scientific literature (PMID:34622072). Use in Chinese Hamster reported in scientific literature (PMID:34332287). Mouse reactivity reported in scientific literature (PMID:32814898). Bovine reactivity reported in scientific literature (PMID: 24895572). Primate reactivity reported in scientific literature (PMID: 25142602). Canine reactivity reported in scientific literature (PMID: 25839646). Avian reactivity reported in scientific literature (PMID: 29546310). Hamster reactivity reported in scientific literature (PMID: 26423766). Rabbit reactivity reported in scientific literature (PMID: 26497211). The mouse detection has been reported to be weaker than the human. Immunogen displays the following percentage of sequence identity for non-tested species: Xenopus 84%. Invertebrate reactivity reported in scientific literature (PMID: 26716072). Monkey reactivity reported in scientific literature (PMID: 30324853). Guinea pig reactivity reported from a verified customer review. Rat reactivity reported in scientific literature (PMID: 30744518). Bacteria reactivity reported in scientific literature (PMID: 28783414). Chicken reactivity reported in scientific literature (PMID: 30649814). Porcine reactivity reported in scientific literature (PMID: 30789643). Golden Syrian hamster reactivity reported in scientific literature (PMID: 23180219). Zebrafish reactivity reported in scientific literature (PMID: 29185873). Human reactivity reported in scientific literature (PMID:33086573). Use in Alligator reported in scientific literature (PMID:32061056).
Marker	Autophagosome Marker
Immunogen	Polyclonal LC3B Antibody was made to a synthetic peptide made to an N-terminal portion of the human LC3B protein sequence (between residues 1-100). [UniProt# Q9GZQ8]

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.
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Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, SDS-Page, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP), Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Proximity Ligation Assay, SDS-Page, Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-2220AF532

NBP2-24891AF532	Rabbit IgG Isotype Control [Alexa Fluor® 532]
NB100-2220PEP	LC3B Antibody Blocking Peptide
NB600-1384PEP	LC3B Antibody Blocking Peptide
H00008878-M01	p62/SQSTM1 Antibody (2C11)

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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