

# Product Datasheet

## LC3B Antibody [Alexa Fluor™ Plus 647] NB600-1384AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-1384AFP647**

LC3B Antibody [Alexa Fluor™ Plus 647]

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 Plus 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	81631
Gene Symbol	MAP1LC3B
Species	Human, Mouse, Rat, Porcine, Bacteria, Bovine, Canine, Primate, Yeast, Zebrafish
Reactivity Notes	Use in Yeast reported in scientific literature (PMID:35247568). Use in Rat reported in scientific literature (PMID:34499623). Mouse reactivity reported in scientific literature (PMID:32802192). Zebrafish reactivity reported in scientific literature (PMID: 23724125). . Canine and primate reactivity reported in scientific literature (PMID: 24027311). Porcine reactivity reported in scientific literature (PMID: 25378587). . Rat reactivity reported in scientific literature (30067379). . Bacteria reactivity reported in scientific literature (31110360). . Bovine reactivity reported in scientific literature (21868124). . Other species have not been tested.
Marker	Autophagosome Marker
Immunogen	Polyclonal LC3B Antibody was made to a synthetic peptide made to the N-terminal region of the human LC3B protein. [Uniprot: Q9GZQ8]
Notes	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . 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, Immunohistochemistry-Paraffin, Electron Microscopy, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunohistochemistry Free-Floating, Knockdown Validated, Knockout Validated



<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Electron Microscopy, Immunohistochemistry Free-Floating, Knockout Validated, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB600-1384AFP647**

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NB100-2220PEP	LC3B Antibody Blocking Peptide
NB600-1384PEP	LC3B Antibody Blocking Peptide
H00008878-M01	p62/SQSTM1 Antibody (2C11) - Azide and BSA Free
AF835	Caspase-3 Antibody [Unconjugated] - Active

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### **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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