

# Product Datasheet

## LC3B Antibody (4G7)

### H00081631-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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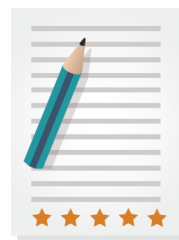
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**H00081631-M02**

LC3B Antibody (4G7)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	81631
Gene Symbol	MAP1LC3B
Species	Human
Marker	Autophagosome Marker
Specificity/Sensitivity	MAP1LC3B - microtubule-associated protein 1 light chain 3 beta (4G7)
Immunogen	MAP1LC3B (AAH18634, 1 a.a. ~ 125 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPSEKTFKQRRTFEQRVEDVRLIREQHPTKIPVIIERYKGEKQLPVLDKTKF LVPDHVNMSELIKIIRRLQLNANQAFFLLVNGHSMVSVSTPISEVYESEKDEDG FLYMVYASQETFGMKLSV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

**Publications**

Ko SH, Jeon JI, Myung HS et al. Bacteroides fragilis Enterotoxin Induces the Formation of Autophagosomes in Endothelial Cells but Interferes Their Autophagosomal Fusion with Lysosomes for Complete Autophagic Flux Through a Mitogen-Activated Protein Kinase, AP-1, and C/EBP Homologous Pro Infect Immun 2017-07-10 [PMID: 28694294]





### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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