

# Product Datasheet

## LC3B Antibody (7D11) NBP3-26154-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26154-100ul**

LC3B Antibody (7D11)

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7D11
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	81631
<b>Gene Symbol</b>	MAP1LC3B
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human LC3B [UniProt Q9GZQ8]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA



## Images

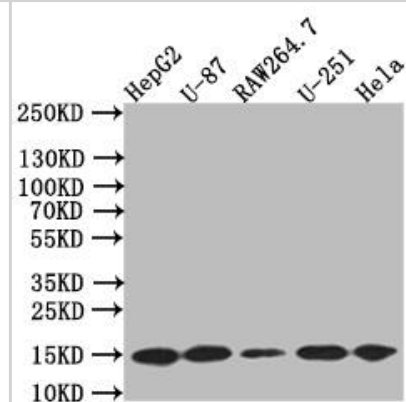
Western Blot: LC3B Antibody (7D11) [NBP3-26154] - Positive Western Blot detected in: HepG2 whole cell lysate, U87 whole cell lysate, RAW264.7 whole cell lysate, U251 whole cell lysate, HeLa whole cell lysate.

All lanes: LC3B Antibody at 1: 500

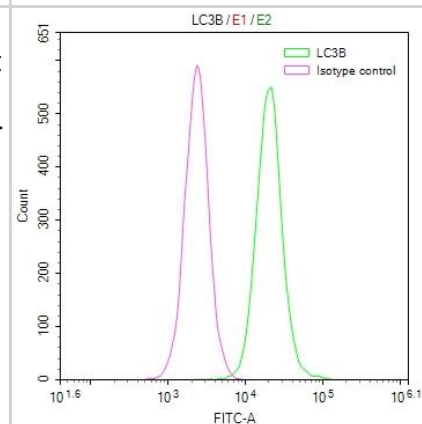
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 15 kDa

Observed band size: 15 kDa



Flow Cytometry: LC3B Antibody (7D11) [NBP3-26154] - Overlay Peak curve showing HeLa cells stained with LC3B Antibody (7D11) (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup> cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1\*10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.





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### **Products Related to NBP3-26154-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-2220PEP	LC3B Antibody Blocking Peptide

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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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