

# Product Datasheet

## LC3A Antibody [Janelia Fluor® 525] NBP1-19167JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-19167JF525**

LC3A Antibody [Janelia Fluor® 525]

| 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                   | Janelia Fluor 525   |
| Purity                      | Immunogen affinity purified   |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Host                        | Rabbit  |
| Gene ID                     | 84557   |
| Gene Symbol                 | MAP1LC3A  |
| Species                     | Human, Mouse, Rat, Bovine, Zebrafish  |
| Marker                      | Autophagosome Marker  |
| Specificity/Sensitivity     | Although specificity between this LC3A Antibody and LC3B has not been tested, this antibody was created to a peptide that has 100% identity to LC3A and 62% identity to LC3B. |
| Immunogen                   | Partial recombinant protein made to an N-terminal portion of the human LC3A protein [Swiss-Prot# Q9H492].   |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| Product Application Details |   |
| Applications                | Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin       |
| Recommended Dilutions       | Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP1-19167JF525**

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|               |  |
|---------------|--|
| NB100-2331PEP | LC3A Antibody Blocking Peptide             |
| DY8558-05     | LC3A [Biotin]                              |
| H00008878-M01 | p62/SQSTM1 Antibody (2C11)                 |
| 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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