

# Product Datasheet

## **LAMP-1/CD107a Antibody [Janelia Fluor® 525] NBP1-77241JF525**

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 8/15/2024 v.20.1

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**NBP1-77241JF525**

LAMP-1/CD107a 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                      | Peptide affinity purified                                                                                                                                                                                 |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                           |
| Host                        | Rabbit                                                                                                                                                                                                    |
| Gene ID                     | 3916                                                                                                                                                                                                      |
| Gene Symbol                 | LAMP1                                                                                                                                                                                                     |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                         |
| Marker                      | Late Endosome Marker                                                                                                                                                                                      |
| Specificity/Sensitivity     | LAMP-1 antibody is predicted to not cross-react with LAMP-2. Due to extensive post-translational modification, LAMP-1 often migrates at higher than predicted molecular weight in SDS-PAGE.               |
| Immunogen                   | Antibody was raised against a 15 amino acid synthetic peptide from near the center of human LAMP-1. The immunogen is located within amino acids 230 - 280 of LAMP-1. Amino Acid Sequence: NLTYERKDNTTVTRL |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                           |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin                                                            |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen                                                            |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                    |





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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.

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

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