

# Product Datasheet

## PMEL17/SILV Antibody (SPM286) [Janelia Fluor® 525] NBP2-34755JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34755JF525**

PMEL17/SILV Antibody (SPM286) [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                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Clone                       | SPM286                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugate                   | Janelia Fluor 525                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene ID                     | 6490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol                 | PMEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Human, Equine, Rat (Negative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity Notes            | Does not react with Rat.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Marker                      | Melanoma Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity     | By immunohistochemistry, it specifically recognizes a protein in melanocytes and melanomas. This monoclonal antibody reacts with junctional and blue nevus cells and variably with fetal and neonatal melanocytes. Intradermal nevi, normal adult melanocytes, and non-melanocytic cells are negative. It does not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin. This Mab labels formalin-fixed, paraffin-embedded melanomas and other tumors showing melanocytic differentiation. |
| Immunogen                   | Membranes from a human melanoma metastasis                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                     |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                     |
| 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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