

Product Datasheet

PMEL17/SILV Antibody (PMEL/1825R) [DyLight 550] NBP2-54454R

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP2-54454R

PMEL17/SILV Antibody (PMEL/1825R) [DyLight 550]

| Product Information | |
|---------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | PMEL/1825R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | DyLight 550 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Description | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Host | Rabbit |
| Gene ID | 6490 |
| Gene Symbol | PMEL |
| Species | Human |
| Reactivity Notes | Does not react with Canine and Rat |
| Marker | Melanoma Marker |
| Specificity/Sensitivity | The gp100 molecule is a 100kDa glycosylated protein that is cleaved into a small (26kDa) carboxy-terminal fragment and a larger amino-terminal section (60-64 kDa), which is subsequently cleaved to generate 26kDa and 34-38kDa fragments. 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. Metastatic amelanotic melanoma can often be confused with a variety of poorly differentiated carcinomas, large cell lymphomas, and sarcomas using H E stains alone. It is also difficult to differentiate melanoma from spindle cell carcinomas and various types of mesenchymal neoplasms. This monoclonal antibody stains fetal and neonatal melanocytes, junctional and blue nevus cells, and malignant melanoma. This monoclonal antibody also stains Angiomyolipoma (PEComa). |
| Immunogen | Recombinant full-length human PMEL17/SILV protein (Uniprot: P40967) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry |
| Recommended Dilutions | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin |



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-54454R

| | |
|---------------|--|
| NBP2-24891R | Rabbit IgG Isotype Control [DyLight 550] |
| NBP2-38185PEP | PMEL17/SILV Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBL1-15968 | PMEL17/SILV Overexpression Lysate |

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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