

Product Datasheet

Melan-A/MART-1 Antibody (SPM540) [Janelia Fluor® 549] NBP2-34786JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP2-34786JF549

Melan-A/MART-1 Antibody (SPM540) [Janelia Fluor® 549]

| 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 | SPM540 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Conjugate | Janelia Fluor 549 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|---|
| Host | Mouse |
| Gene ID | 2315 |
| Gene Symbol | MLANA |
| Species | Human, Mouse, Rat |
| Marker | Melanoma Marker |
| Specificity/Sensitivity | This antibody recognizes a protein doublet of 20-22kDa, identified as MART-1 (Melanoma Antigen Recognized by T cells 1) or Melan-A. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Seven other melanoma associated antigens recognized by autologous cytotoxic T cells include MAGE-1, MAGE-3, tyrosinase, gp100, gp75, BAGE-1, and GAGE-1. Subcellular fractionation shows that MART-1 is present in melanosomes and endoplasmic reticulum. This monoclonal antibody labels melanomas and other tumors showing melanocytic differentiation. It is also a useful positive-marker for angiomyolipomas. It does not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin. |
| Immunogen | Recombinant Melan-A/MART-1 protein (Uniprot: Q16655) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-34786JF549

| | |
|-----------------|--|
| NBP1-43317JF549 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Janelia Fluor 549] |
| NBP2-23223 | Recombinant Human Melan-A/MART-1 His Protein |
| 285-IF-100 | IFN-gamma [Unconjugated] |
| NBP2-33535PEP | Melan-A/MART-1 Recombinant Protein Antigen |

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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