

Product Datasheet

Melan-A/MART-1 Antibody (SPM540) - IHC-Prediluted NBP2-44389

Unit Size: 7 ml

Store at 4C.

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NBP2-44389

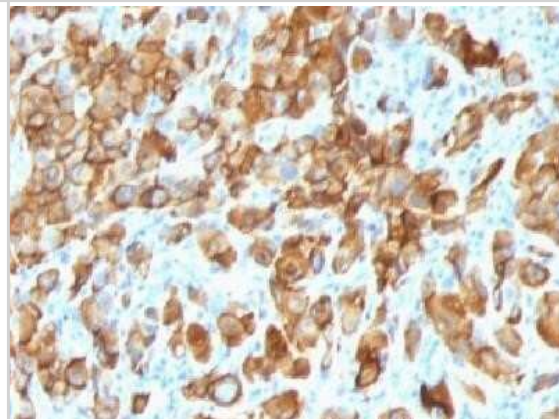
Melan-A/MART-1 Antibody (SPM540) - IHC-Prediluted

| Product Information | |
|------------------------------------|---|
| Unit Size | 7 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | SPM540 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Product Description | |
| Description | The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. |
| 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) |
| Product Application Details | |
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml |
| Application Notes | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |



Images

Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (SPM540) - IHC-Prediluted [NBP2-44389] - Formalin-paraffin human melanoma stained with Melan-A MAb (SPM540). Note cytoplasmic staining of cells.





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Products Related to NBP2-44389

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) |
| NBP2-23223 | Recombinant Human Melan-A/MART-1 His Protein |

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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