

# Product Datasheet

## Melan-A/MART-1 Antibody (rMLANA/8180) NBP3-23642-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-23642-100ug**

Melan-A/MART-1 Antibody (rMLANA/8180)

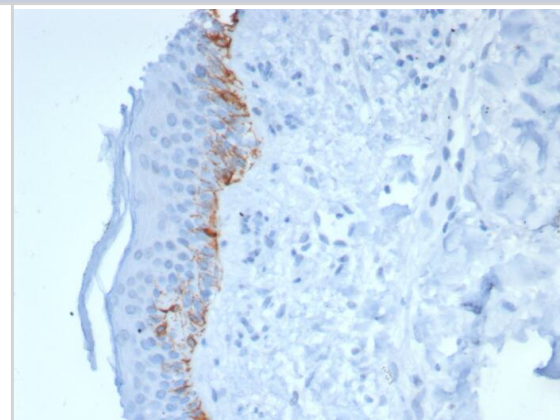
| Product Information |                         |
|---------------------|-------------------------|
| Unit Size           | 100 ug                  |
| Concentration       | 0.2 mg/ml               |
| Storage             | Store at 4C.            |
| Clonality           | Monoclonal              |
| Clone               | rMLANA/8180             |
| Preservative        | 0.05% Sodium Azide      |
| Isotype             | IgG1 Kappa              |
| Purity              | Protein A or G purified |
| Buffer              | 10mM PBS with 0.05% BSA |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Store at 2 to 8C. Non-hazardous. No MSDS required.                                                                                                                                                                                                                                                                                                                                |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                 | 2315                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Symbol             | MLANA                                                                                                                                                                                                                                                                                                                                                                             |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                             |
| 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. 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 full-length human Melan-A/MART-1 protein                                                                                                                                                                                                                                                                                                                              |

| Product Application Details |                                                                                                                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                       |
| Recommended Dilutions       | Immunohistochemistry-Paraffin 1-2ug/ml                                                                                                                                                                                                                                                              |
| Application Notes           | Immunohistochemistry-Paraffin: 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**

Formalin-fixed, paraffin-embedded human skin stained with Melan-A/MART-1 antibody (rMLANA/8180). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-23642-100ug**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP2-23223       | Recombinant Human Melan-A/MART-1 His Protein            |

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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.

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