

Product Datasheet

Melan-A/MART-1 Antibody (MLANA/1761R) NBP2-53294-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53294-100ug

Melan-A/MART-1 Antibody (MLANA/1761R)

| Product Information | |
|---------------------|--------------------------|
| Unit Size | 100 ug |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | MLANA/1761R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | 10 mM PBS with 0.05% BSA |

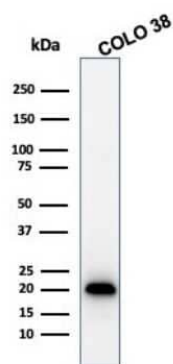
| Product Description | |
|-------------------------|---|
| Description | 200ug/ml of antibody purified by Protein A. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54568) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Rabbit |
| 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 human full-length Melan-A/MART-1 protein (Uniprot: Q16655) |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 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. |

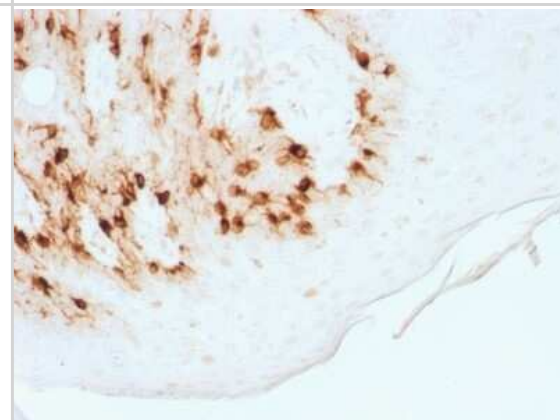


Images

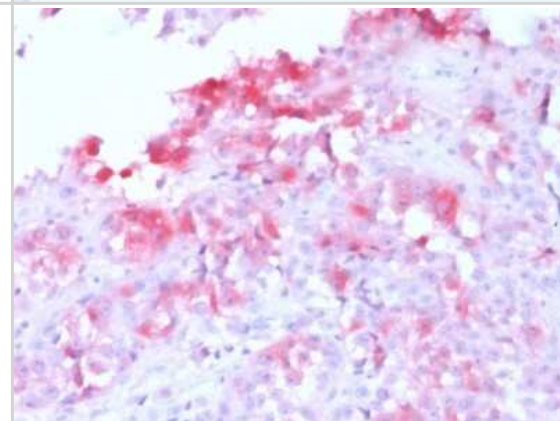
Western Blot: Melan-A/MART-1 Antibody (MLANA/1761R) [NBP2-53294] - Western Blot Analysis of COLO 38 cell lysate using Melan-A/MART-1 antibody (MLANA/1761R).



Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (MLANA/1761R) [NBP2-53294] - Formalin-fixed, paraffin-embedded Human Skin stained with MART-1 Recombinant Rabbit Monoclonal Antibody (MLANA/1761R)



Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (MLANA/1761R) [NBP2-53294] - Formalin-fixed, paraffin-embedded Human Melanoma stained with MART-1 Recombinant Rabbit Monoclonal Antibody (MLANA/1761R)





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 NBP2-53294-100ug

| | |
|------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| 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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