

# Product Datasheet

## Melan-A/MART-1 Antibody (CL12863)

### NBP3-18576-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-18576-100ul**

Melan-A/MART-1 Antibody (CL12863)

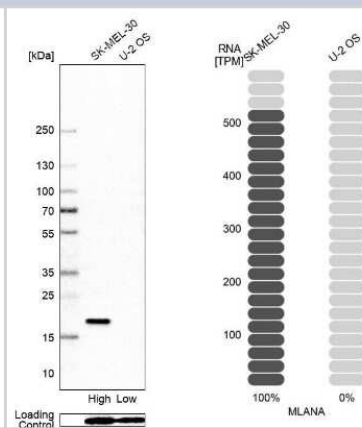
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12863
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	2315
Gene Symbol	MLANA
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from Q16655, with the exact immunogen sequence remaining proprietary.

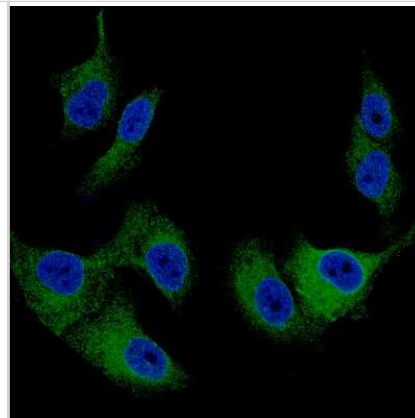
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

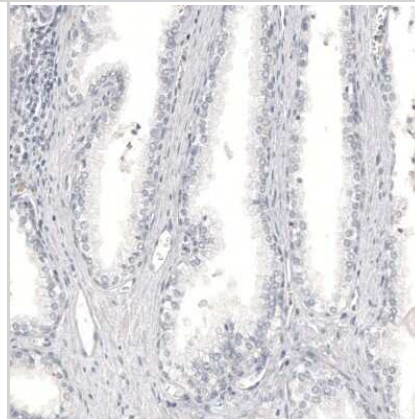
Western Blot: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Analysis in human cell line SK-MEL-30 and human cell line U-2 OS.



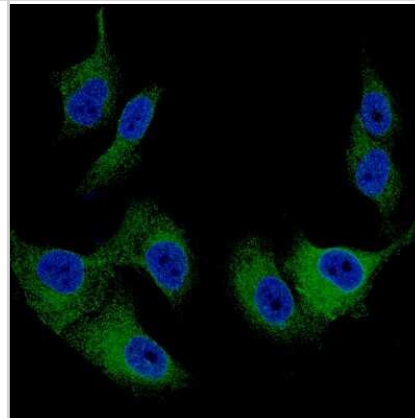
Immunocytochemistry/Immunofluorescence: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Staining of SK-MEL-30 cells using the Anti-MART1 monoclonal antibody, showing specific staining in endoplasmic reticulum in green. Nuclear probes are visualized in blue (where available).



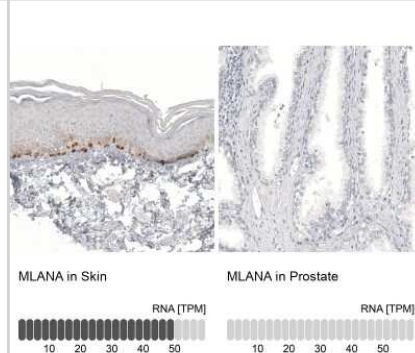
Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Staining of human prostate shows no positivity in glandular cells as expected.



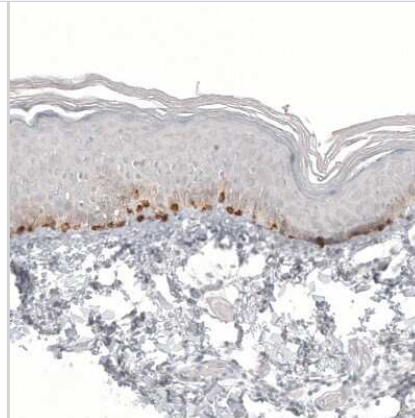
Immunocytochemistry/Immunofluorescence: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Staining of SK-MEL-30 cells using the Anti-MART1 monoclonal antibody, showing specific staining in endoplasmic reticulum in green. Nuclear probes are visualized in blue (where available).



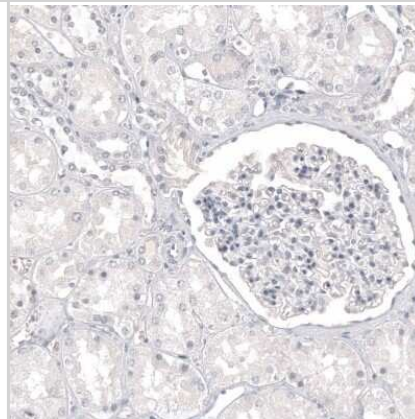
Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Analysis in human skin and prostate tissues using NBP3-18576 antibody. Corresponding MLANA RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Staining of human skin shows strong cytoplasmic positivity in melanocytes.



Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Staining of human kidney shows no positivity as expected.



Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (CL12863) [NBP3-18576] - Staining of human cervix shows no positivity in squamous epithelial cells as expected.





### **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 NBP3-18576-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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