

# Product Datasheet

## Melan-A/MART-1 Antibody (A103) - Azide and BSA Free NBP2-80846

Unit Size: 0.1 ml

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

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**NBP2-80846**

Melan-A/MART-1 Antibody (A103) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A103
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

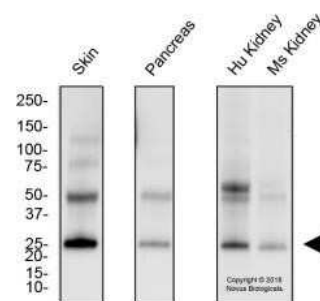
<b>Description</b>	Novus Biologicals Mouse Melan-A/MART-1 Antibody (A103) - Azide and BSA Free (NBP2-46603) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2315
<b>Gene Symbol</b>	MLANA
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant human Melan-A/MART-1. [Uniprot# Q16655]

**Product Application Details**

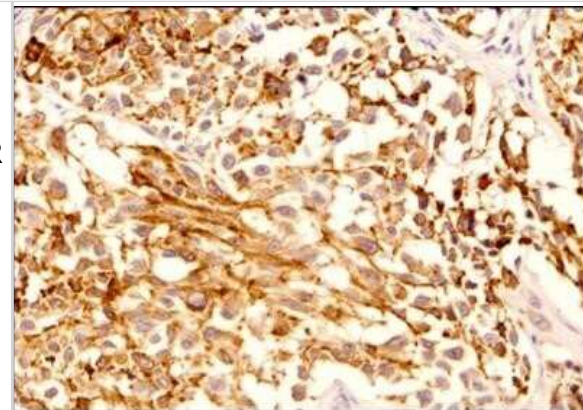
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 2 ug/ml, Flow Cytometry, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 27565163), Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:100, CyTOF-ready

**Images**

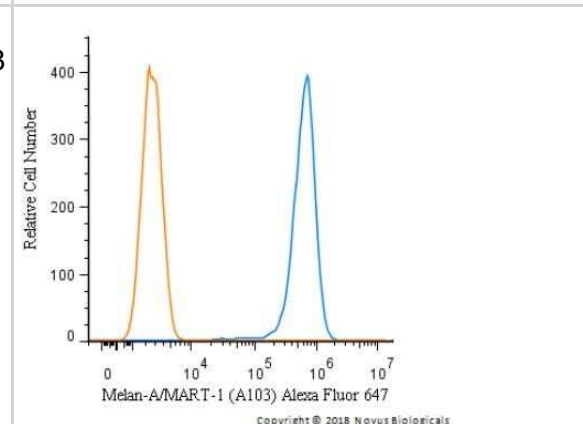
Western Blot: Melan-A/MART-1 Antibody (A103) - Azide and BSA Free [NBP2-80846] - Total protein from human skin, pancreas and kidney and mouse kidney was separated on a 4-20% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-Melan-A in 1% non-fat milk in TBST and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



**Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (A103) - Azide and BSA Free [NBP2-80846]** - Analysis of FFPE tissue section of Human Skin Cancer/Melanoma using Melan-A/MART-1 antibody (A103) at 1:100 dilution. The antibody depicted very specific staining which was cytoplasmic with strong punctate appearance in peri-nuclear regions (ER and Golgi)

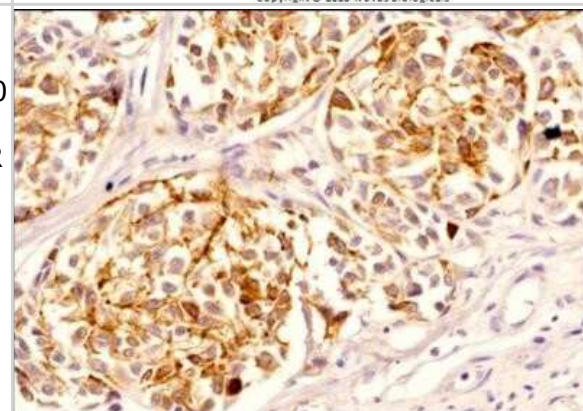


**Flow Cytometry: Melan-A/MART-1 Antibody (A103) - Azide and BSA Free [NBP2-80846]** - An intracellular stain was performed on SK-MEL-28 cells with Melan-A/MART-1 [A103] Antibody NBP2-46603AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.

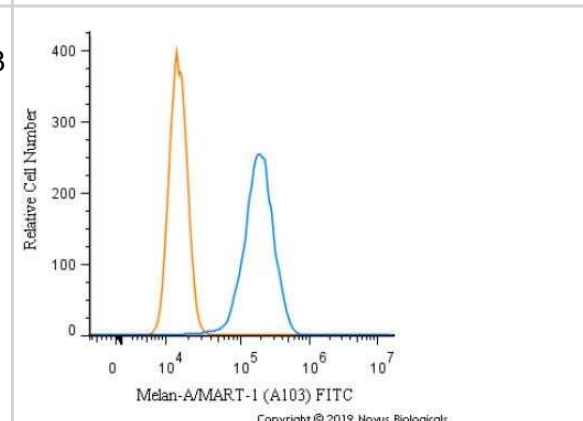


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**Immunohistochemistry: Melan-A/MART-1 Antibody (A103) - Azide and BSA Free [NBP2-80846]** - Analysis of FFPE tissue section of Human Skin Cancer/Melanoma using Melan-A/MART-1 antibody (A103) at 1:100 dilution. The antibody depicted very specific staining which was cytoplasmic with strong punctate appearance in peri-nuclear regions (ER and Golgi)



**Flow Cytometry: Melan-A/MART-1 Antibody (A103) - Azide and BSA Free [NBP2-80846]** - An intracellular stain was performed on SK-MEL-28 cells with Melan-A/MART-1 Antibody [A103] NBP2-46603F (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to FITC.



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### **Products Related to NBP2-80846**

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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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