

# Product Datasheet

## Melan-A/MART-1 Antibody (M2-7C10) [Alexa Fluor® 350] NBP2-33148AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33148AF350**

Melan-A/MART-1 Antibody (M2-7C10) [Alexa Fluor® 350]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	M2-7C10
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Lambda
<b>Conjugate</b>	Alexa Fluor 350
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2315
<b>Gene Symbol</b>	MLANA
<b>Species</b>	Human, Equine, Rat (Negative)
<b>Reactivity Notes</b>	Does not react with Rat.
<b>Marker</b>	Melanoma Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Recombinant Melan-A/MART-1 protein (Uniprot: Q16655)



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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Melan-A/MART-1 Antibody (M2-7C10) [Alexa Fluor® 350] [NBP2-33148AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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### **Products Related to NBP2-33148AF350**

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NBP2-23223	Recombinant Human Melan-A/MART-1 His Protein
285-IF-100	IFN-gamma [Unconjugated]
NBP2-33535PEP	Melan-A/MART-1 Recombinant Protein Antigen
202-IL-010	IL-2 [Unconjugated]

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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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