

Product Datasheet

Melan-A/MART-1 Antibody (MLANA/1761R) [HRP] NBP2-54568H

Unit Size: 100 ul

Store at 4C in the dark.

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NBP2-54568H

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

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	MLANA/1761R
Preservative	No Preservative
Isotype	IgG
Conjugate	HRP
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
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, CyTOF-ready
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Publications

Jelena Ostojić, Young-Sil Yoon, Tim Sonntag et al. Transcriptional co-activator regulates melanocyte differentiation and oncogenesis by integrating cAMP and MAPK/ERK pathways Cell Reports 2021-05-18 [PMID: 34010639] (B/N)

Ostojic J, Sonntag T, Ngyen N et al. CRTC3 is a coincidence detector for cAMP and growth factor signals in melanocytes and melanoma bioRxiv 2020-07-15





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NBP2-24891H	Rabbit IgG Isotype Control [HRP]
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285-IF-100	IFN-gamma [Unconjugated]
NBP2-33535PEP	Melan-A/MART-1 Recombinant Protein Antigen

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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