

Product Datasheet

Melan-A/MART-1 Antibody (M2-7C10) [Alexa Fluor® 488] NBP2-33148AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-33148AF488

Melan-A/MART-1 Antibody (M2-7C10) [Alexa Fluor® 488]

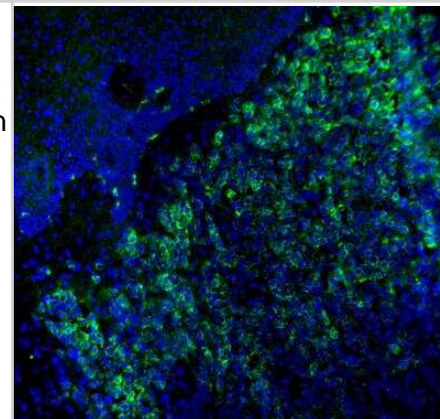
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	M2-7C10
Preservative	0.05% Sodium Azide
Isotype	IgG2b Lambda
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50 mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	2315
Gene Symbol	MLANA
Species	Human, Equine, Rat (Negative)
Reactivity Notes	Does not react with 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 Melan-A/MART-1 protein (Uniprot: Q16655)

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Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen

Images

Immunohistochemistry-Frozen: Melan-A/MART-1 Antibody (M2-7C10) [Alexa Fluor® 488] [NBP2-33148AF488] - Melan-A (green) was detected in human skin (melanoma) using Melan-A-AlexaFluor488 antibody (1:40; 1 hour) in PBS. Nuclei were stained with DAPI (blue). Tissue was fixed in acetone. Image from a verified customer review.



Publications

Loreth D, Schuette M, Zinke J et al. CD74 and CD44 Expression on CTCs in Cancer Patients with Brain Metastasis International Journal of Molecular Sciences 2021-06-29 [PMID: 34209696]



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Products Related to NBP2-33148AF488

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]

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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