

# Product Datasheet

## Melan-A/MART-1 Antibody (A19-P) NBP1-30151-0.5ml

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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Updated 10/23/2024 v.20.1

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**NBP1-30151-0.5ml**

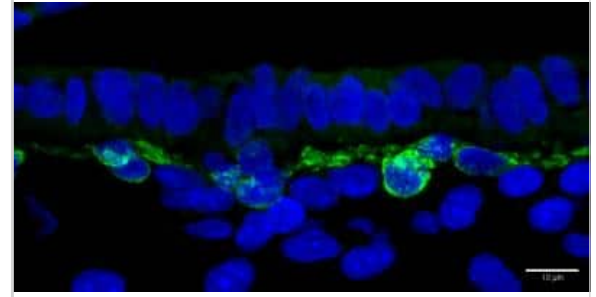
Melan-A/MART-1 Antibody (A19-P)

Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	A19-P
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris-HCl (pH 8.0) and 20mg/ml BSA
Product Description	
Description	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Host	Rabbit
Gene ID	2315
Gene Symbol	MLANA
Species	Human, Mouse, Canine
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26547111). Use in Canine reported in secitific publication PMID: 32423311
Specificity/Sensitivity	This antibody is specific for the C terminal portions of Melan-A
Immunogen	Peptide derived from C-terminal sequence of human Melan-A/MART-1. Antibody recognizes the epitope between Glu105 - Pro115.
Notes	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:100 - 1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100 - 1:200

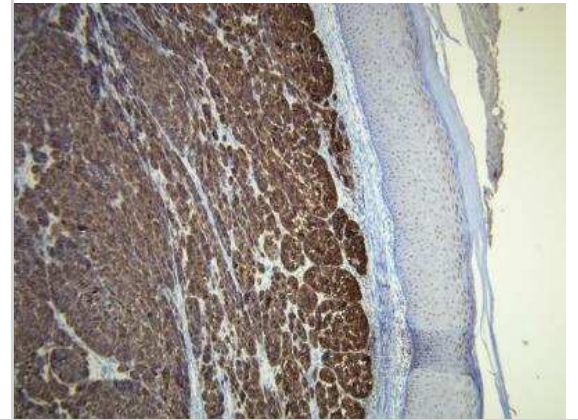


## Images

Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (A19-P) [NBP1-30151] - Confocal microscopy image of human fetal inner ear tissue section stained with Melan-A antibody (green), 1:200 dilution, incubated over night. IHC-P image submitted by a verified customer review.



Immunohistochemistry-Paraffin: Melan-A/MART-1 Antibody (A19-P) [NBP1-30151] - Human tissue (4 um section) stained with anti - Melan A monospecific clonal antibody.



## Publications

Eichhoff OM, Stoffel CI, Kessler J et al. ROS Induction Targets Persister Cancer Cells with Low Metabolic Activity in NRAS-Mutated Melanoma Cancer research 2023-03-22 [PMID: 36946761]

Aoki H, Tomita H, Hara A, Kunisada T Postnatal expression of Kit ligand affects pigmentation of the epidermis The Journal of investigative dermatology 2023-07-21 [PMID: 37482288]

Kruse B, Buzzai AC, Shridhar N et al. CD4+ T cell-induced inflammatory cell death controls immune-evasive tumours Nature 2023-06-01 [PMID: 37316667] (IHC-P, Human)

Details:  
IHC-P: 1:500

Estrada J, Zhan J, Mitchell P et al. OncoVEXmGM-CSF expands tumor antigen-specific CD8+ T-cell response in preclinical models Journal for immunotherapy of cancer 2023-05-01 [PMID: 37164449] (Immunohistochemistry-Paraffin, Mouse)

Dietsch, B;Weller, C;Sticht, C;de la Torre, C;Kramer, M;Goerdts, S;Graud, C;Wohlfeil, SA; Hepatic passaging of NRAS-mutant melanoma influences adhesive properties and metastatic pattern BMC cancer 2023-05-13 [PMID: 37179302] (ICC/IF, Mouse)

Hosoya M, Kitama T, Iwabu K et al. Development of the stria vascularis in the common marmoset, a primate model Scientific reports 2022-11-17 [PMID: 36396805] (IHC-Fr, Monkey)

Details:  
Dilution used in IHC-Fr 1:500

Lee JH, Ahn Y, Lee HE et al. Wearable Surface-Lighting Micro-Light-Emitting Diode Patch for Melanogenesis Inhibition Advanced healthcare materials 2022-10-03 [PMID: 36189834] (IF/IHC)

Eshiba S, Namiki T, Mohri Y Et al. Stem cell spreading dynamics intrinsically differentiate acral melanomas from nevi Cell reports 2021-08-03 [PMID: 34348144]

Locher H, Frijns J H et al. TUBB3: neuronal marker or melanocyte mimic? Cell Transplant 2013-10-25 [PMID: 24152858] (IF/IHC, Human)

van Beelen ESA, van der Valk WH, de Groot JCMJ et al. Migration and fate of vestibular melanocytes during the development of the human inner ear Dev Neurobiol 2020-10-19 [PMID: 33075185] (IF/IHC, Human)

Nakano S, Abe Y, Nakajima K et al. Establishment of a mouse model for post-inflammatory hyperpigmentation Pigment Cell Melanoma Res 2020-07-04 [PMID: 32623834] (IF/IHC)

Rahman H, Kumar D, Liu T et al. Aspirin protects melanocytes and keratinocytes against UVB-induced DNA damage in vivo J. Invest. Dermatol. 2020-06-19 [PMID: 32569596]

More publications at <http://www.novusbio.com/NBP1-30151>





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### **Products Related to NBP1-30151-0.5ml**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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