

# Product Datasheet

## Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody (A103 + T311 + HMB45) [CoraFluor™ 1] NBP2-34547CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-34547CL1**

Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody (A103 + T311 + HMB45) [CoraFluor™ 1]

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. Do not freeze.
Clonality	Monoclonal
Clone	A103 + T311 + HMB45
Preservative	No Preservative
Isotype	IgG1 Kappa/IgG2a Kappa/IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	2315
Gene Symbol	MLANA
Species	Human
Marker	Melanoma Marker
Specificity/Sensitivity	This antibody cocktail recognizes three melanoma-specific proteins, which include MART-1, Tyrosinase and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Tyrosinase is one of the targets for cytotoxic T-cell recognition in melanoma patients. The function of gp100 is not known but it is reported to be a useful marker for melanocytes and melanomas. This cocktail of three markers is designed for extremely sensitive labeling of formalin-fixed, paraffin-embedded melanomas and other tumors showing melanocytic differentiation.
Immunogen	Recombinant Melanoma Marker (MART-1 + Tyrosinase + gp100) protein (A103); Recombinant tyrosinase protein (T311); Extract of pigmented melanoma metastases from lymph nodes (HMB45)
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow (Intracellular), Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP2-34547CL1**

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285-IF-100	IFN-gamma [Unconjugated]
202-IL-010	IL-2 [Unconjugated]
NB300-223	Vimentin Antibody
NBP1-19371	CD4 Antibody - BSA Free

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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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