

# Product Datasheet

## Melanoma Marker (MART-1 + gp100) Antibody (DT101+ BC199 + HMB45) - IHC-Prediluted NBP2-48232

Unit Size: 7 ml

Store at 4C.

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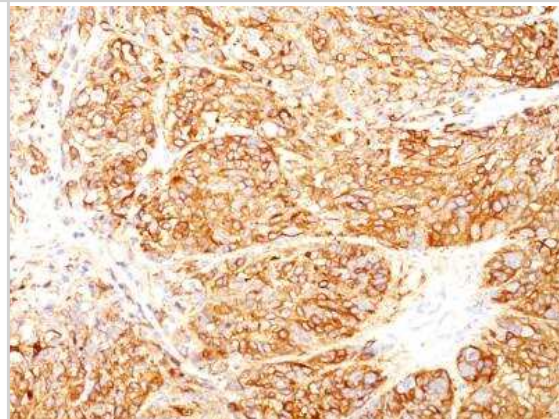
**NBP2-48232**

Melanoma Marker (MART-1 + gp100) Antibody (DT101+ BC199 + HMB45) - IHC-Prediluted

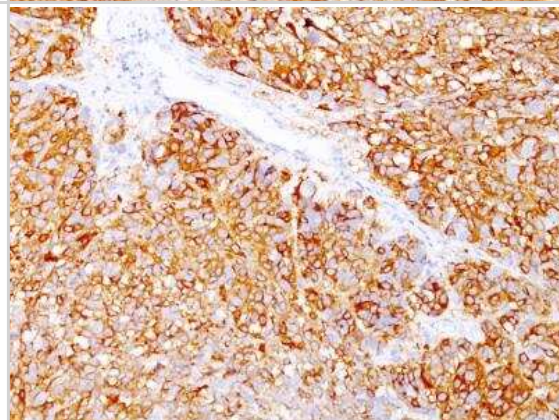
<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	DT101+ BC199 + HMB45
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa/IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	2315
<b>Gene Symbol</b>	MLANA
<b>Species</b>	Human
<b>Marker</b>	Melanoma Marker
<b>Specificity/Sensitivity</b>	This antibody cocktail recognizes two melanoma-specific proteins, which include MART-1 and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Function of gp100 is not known but it is reported to be a useful marker for melanocytes and melanomas. A cocktail of these two markers is sensitive for labeling formalin-fixed, paraffin-embedded melanomas and other tumors showing melanocytic differentiation.
<b>Immunogen</b>	Recombinant Melanoma Marker (MART-1 + gp100) protein (DT101 & BC199); Extract of pigmented melanoma metastases from lymph nodes (HMB45)
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

Immunohistochemistry-Paraffin: Melanoma Marker (MART-1 + gp100) Antibody (DT101+ BC199 + HMB45) - IHC-Prediluted [NBP2-48232] - Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Mouse Monoclonal Antibody (DT101+ BC199 + HMB45).



Immunohistochemistry-Paraffin: Melanoma Marker (MART-1 + gp100) Antibody (DT101+ BC199 + HMB45) - IHC-Prediluted [NBP2-48232] - Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Mouse Monoclonal Antibody (DT101+ BC199 + HMB45).





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### **Products Related to NBP2-48232**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
285-IF-100	IFN-gamma [Unconjugated]
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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