

Product Datasheet

Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody (M2-7C10 + M2-9E3 + T311 + HMB45) - IHC- Prediluted NBP2-48257

Unit Size: 7 ml

Store at 4C.

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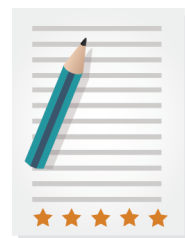
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NBP2-48257

Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody (M2-7C10 + M2-9E3 + T311 + HMB45) - IHC-Prediluted

Product Information

Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	M2-7C10 + M2-9E3 + T311 + HMB45
Preservative	0.05% Sodium Azide
Isotype	IgG2b Lambda/IgG2a Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

Product Description

Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
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. 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 (M2-7C10; M2-9E3); Recombinant tyrosinase protein (T311); Extract of pigmented melanoma metastases from lymph nodes (HMB45)

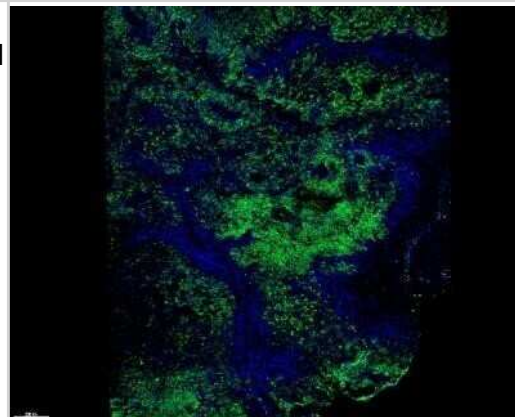
Product Application Details

Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
Application Notes	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.

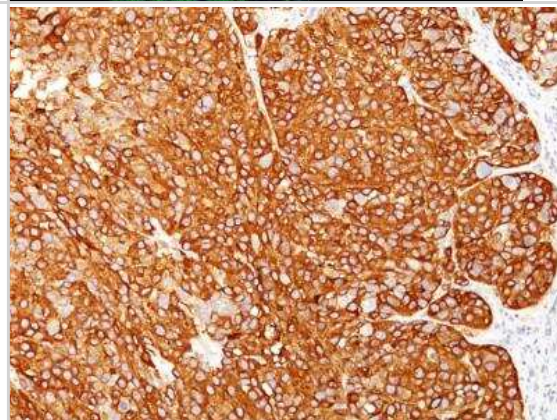


Images

Immunohistochemistry: Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody (M2-7C10 + M2-9E3 + T311 + HMB45) - IHC-Prediluted [NBP2-48257] - Scan of human melanoma sample. Stained for Mart-1+Tyrosinase+gp100 (green) counter stained with DAPI (blue). Image from verified customer review. Image using the Janelia Fluor 549 format of this antibody.



Immunohistochemistry-Paraffin: Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody (M2-7C10 + M2-9E3 + T311 + HMB45) - IHC-Prediluted [NBP2-48257] - Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Monoclonal Antibody (M2-7C10 + M2-9E3 + T311 + HMB45).





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Products Related to NBP2-48257

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]

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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