

Anti-Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody [M2-7C10 + M2-9E3 + T311 + HMB45] (A250890)

Specifications:

Name:	Anti-Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody [M2-7C10 + M2-9E3 + T311 + HMB45]
Description:	Mouse monoclonal [M2-7C10 + M2-9E3 + T311 + HMB45] antibody to Melanoma Marker (MART-1 + Tyrosinase + gp100).
Specificity:	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.
Applications:	WB, IHC-P
Recommended Dilutions:	WB: 2-4 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Clone M2-7C10 & M2-9E3: Recombinant human MART-1 protein. Clone T311: Recombinant tyrosinase protein. Clone HMB45: Extract of pigmented melanoma metastases from lymph nodes.
Host:	Mouse
Clonality:	Oligoclonal
Clone ID:	M2-7C10 + M2-9E3 + T311 + HMB45
Isotype:	IgG2b, lambda + IgG2a, kappa + IgG1, kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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[M2-7C10 + M2-9E3 + T311 + HMB45] (A250890)

Specifications continued:

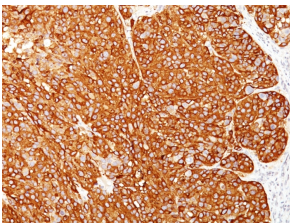
General Notes:

Please note, this product is an oligoclonal antibody; it is a cocktail of monoclonal antibodies that have been carefully selected. Oligoclonal antibodies not only have the specificity and batch-to-batch consistency of a monoclonal antibody, but they also have the advantage of the sensitivity of a polyclonal antibody due to their ability to recognize multiple epitopes on an antigen. This oligoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody [M2-7C10 + M2-9E3 + T311 + HMB45] - BSA and Azide free (A254070).

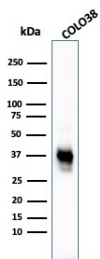
Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human melanoma using Anti-Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody [M2-7C10 + M2-9E3 + T311 + HMB45].



Western blot analysis of COLO-38 cell lysate using Anti-Melanoma Marker (MART-1 + Tyrosinase + gp100) Antibody [M2-7C10 + M2-9E3 + T311 + HMB45].