

Mouse anti-Human Melanoma Marker (MART-1 + gp100) Monoclonal Antibody | anti-MLANA antibody

Melanoma Marker (MART-1 + gp100) Mouse Monoclonal Antibody [Clone DT101+ BC199 + HMB45]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA216087	Mouse	Human	Immunohistochemistry

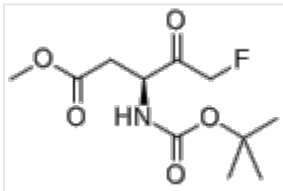
PRODUCT SYNONYMS

Melanoma Marker (MART-1 + gp100); Monoclonal Antibody; Melanoma Marker (MART-1 + gp100) Mouse Monoclonal Antibody [Clone DT101+ BC199 + HMB45]; Melanoma antigen recognized by T-cells 1 (MART-1); MLAN-A; PMEL17; anti-MLANA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa + Mouse/IgG1, kappa
Clone Number	DT101+ BC199 + HMB45
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-MLANA antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant hMART-1 protein (DT101 & BC199); Extract of pigmented melanoma metastases from lymph nodes (HMB45)
Cellular Localization	Cytoplasmic
Positive Control	SK-MEL-13 and SK-MEL-19 melanoma cell lines. Human melanoma tissues.
Hu-chromosome Location	9p24.1 and 12q13.1 (gp100)
Unigene	154069 ; 95972
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Mouse
Monoclonal Antibody (DT101+ BC199 + HMB45).

ADDITIONAL INFORMATION

Related Product Information for anti-MLANA antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031913
NCBI GeneID	2315
NCBI Accession #	NP_005502.1
NCBI GenBank Nucleotide #	NM_005511.1
UniProt Accession #	Q16655; P40967
Molecular Weight	13,157 Da
NCBI Official Full Name	melanoma antigen recognized by T-cells 1
NCBI Official Synonym Full Names	melan-A
NCBI Official Symbol	MLANA
NCBI Official Synonym Symbols	MART1; MART-1
NCBI Protein Information	melanoma antigen recognized by T-cells 1; antigen LB39-AA; antigen SK29-AA; protein Melan-A
UniProt Protein Name	Melanoma antigen recognized by T-cells 1
UniProt Gene Name	MLANA
UniProt Synonym Gene Names	MART1; MART-1
UniProt Entry Name	MAR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/melanoma-marker-mart-1-gp100-antibody-clone-dt101-bc199-hmb45-immunohistochemistry-elisa/216087>