

Rabbit anti-Human MART-1/Melan-A Polyclonal Antibody | anti-MLANA antibody

MART-1/Melan-A Antibody (Center)

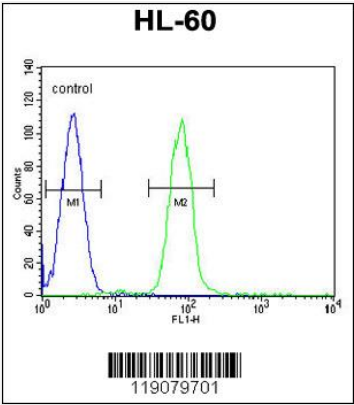
CATALOG # AAA286269	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

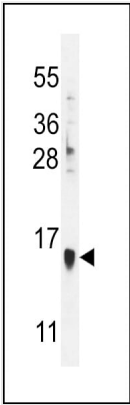
MART-1/Melan-A; Polyclonal Antibody; MART-1/Melan-A Antibody (Center); Melanoma antigen recognized by T-cells 1; MART-1; Antigen LB39-AA; Antigen SK29-AA; Protein Melan-A; MLANA; MART1; anti-MLANA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MART-1/Melan-A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-60 amino acids from the Central region of human MART-1/Melan-A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	34-60
Sequence Length	118
Applicable Applications for anti-MLANA antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MART-1/Melan-A Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MART-1/Melan-A Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the MART-1/Melan-A antibody detected the MART-1/Melan-A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MLANA antibody	Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein SILV/PMEL17, which is critical to the formation of stage II melanosomes.
Product Categories/Family for anti-MLANA antibody	Cancer
References	Li, Y., et al. J. Mol. Biol. 399(4):596-603(2010) Giordano, F., et al. Hum. Mol. Genet. 18(23):4530-4545(2009) Fernandez, L.P., et al. Exp. Dermatol. 18(7):634-642(2009) Beltraminelli, H., et al. Am J Dermatopathol 31(3):305-308(2009) Serana, F., et al. J Transl Med 7, 21 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031913
NCBI GeneID	2315
NCBI Accession #	NP_005502.1
NCBI GenBank Nucleotide #	NM_005511.1
UniProt Accession #	Q16655; Q6ICU4
Molecular Weight	13157
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
UniProt Protein Name	Melanoma antigen recognized by T-cells 1
UniProt Gene Name	MLANA
UniProt Synonym Gene Names	MART1; MART-1

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/polyclonal/mart-1-melan-a-antibody-flow-cytometry-western-blot-elisa/286269>