

Rabbit anti-Human MelanA Monoclonal Antibody | anti-MLANA antibody

MelanA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312263	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MelanA; Monoclonal Antibody; MelanA Antibody; Antigen LB39 AA antibody; Antigen LB39-AA antibody; Antigen SK29 AA antibody; Antigen SK29-AA antibody; MAR1_HUMAN antibody; MART 1 antibody; MART-1 antibody; MART1 antibody; Melan A antibody; Melan A protein antibody; Melanoma antigen recognized by T cells 1 antibody; Melanoma antigen recognized by T-cells 1 antibody; MLAN A antibody; MLANA antibody; OTTHUMP00000021036 antibody; OTTHUMP00000021037 antibody; OTTHUMP00000021038 antibody; Protein Melan-A antibody; anti-MLANA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SC56-02
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MLANA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of B16-F1 cells with MelanA antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the second antibody



WB (Western Blot)

Western blot analysis of MelanA on different lysates using anti-MelanA antibody at 1/1, 000 dilution. Positive control: Lane 1: Melanoma Lane 2: B16-F1

ADDITIONAL INFORMATION

Related Product Information for anti-MLANA antibody	Melanoma-associated antigens recognized by cytotoxic T lymphocytes (CTL) have been grouped into three categories: melanocyte differentiation antigens, cancer/testis-specific antigens and mutated or aberrantly expressed antigens. Many of these antigens consist of peptides that are presented to T cells by HLA molecules; they represent potential targets for cancer immunotherapy. Melan-A (also designated MART-1) is a melanocyte differentiation antigen that is specific to melanomas, melanocyte cell lines and retina. Melan-A peptide is recognized by most HLA-A2-restricted tumor-specific tumor-infiltrating lymphocytes in patients with melanoma. Antimelanoma cytotoxic T lymphocytes can be generated with a Melan-A peptide, implicating Melan-A as a potential candidate for antigen-specific immunotherapy in melanoma patients.
Product Categories/Family for anti-MLANA antibody	Total protein Ab

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	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/melana-antibody-clone-sc56-02-flow-cytometry-immunohistochemistry-western-blot-elisa/312263>