

MelanA Rabbit mAb

Catalog No: #48961



Package Size: #48961-1 50ul #48961-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

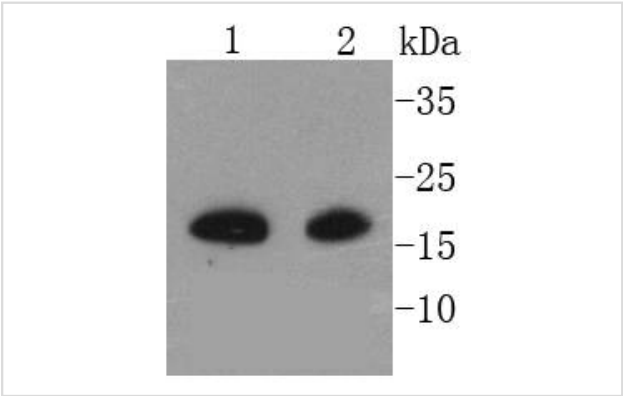
Description

Product Name	MelanA Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SC56-02
Purification	ProA affinity purified
Applications	WB, IHC, FC, ICC/IF
Species Reactivity	Human
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	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
Accession No.	Swiss-Prot#:Q16655
Calculated MW	20 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

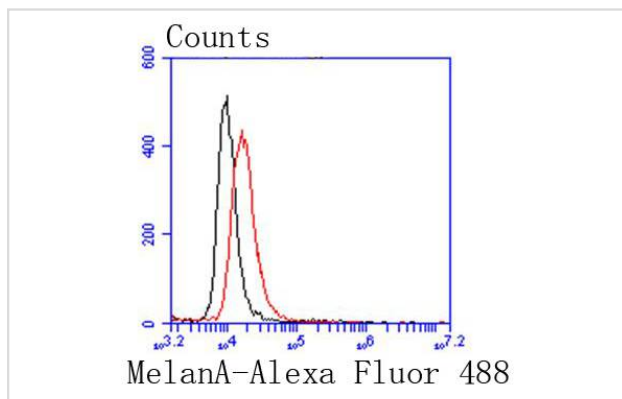
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200ICC/IF: 1:50-1:200FC: 1:50-1:100

Images



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



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

Background

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.

References

1. Ulmer A et al. Quantitative measurement of melanoma spread in sentinel lymph nodes and survival. PLoS Med 11:e1001604 (2014).
2. Dziasko MA et al. Localisation of epithelial cells capable of holoclone formation in vitro and direct interaction with stromal cells in the native human limbal crypt. PLoS One 9:e94283 (2014).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.