

MelanA polyclonal antibody

Catalog: BS90846

Host: Rabbit

Reactivity: Human

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

20 kDa

Swiss-Prot:

Q16655(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

FC:1:50-1:100

IHC:1:50-1:200

Storage&Stability:

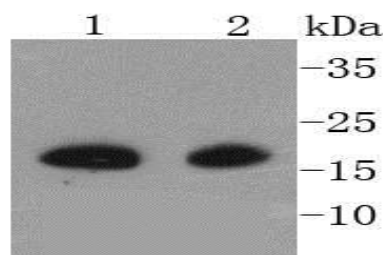
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

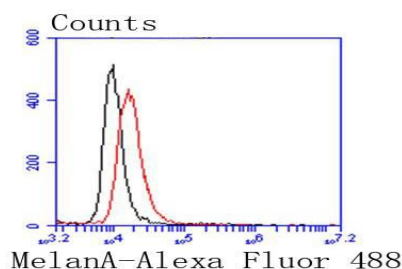
Specificity:

MelanA polyclonal antibody detects endogenous levels of MelanA protein.

DATA:



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

Note:

For research use only, not for use in diagnostic procedure.

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