

Melan-A Recombinant monoclonal antibody

Catalog Number: 87351-2-RR

Basic Information

Catalog Number:

87351-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13346

GenBank Accession Number:

BC014423

GeneID (NCBI):

2315

UNIPROT ID:

Q16655

Full Name:

melan-A

Calculated MW:

13 kDa

Observed MW:

13-20 kDa

Purification Method:

Protein A purification

CloneNo.:

252647G1

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : SK-MEL-30 cells,

Background Information

Melan-A is a melanocyte differentiation antigen, recognized by autologous cytotoxic T lymphocytes. Melan-A is also called MART-1 (melanoma antigen recognized by T cells). The Melan-A/MART-1 gene encodes this protein, 20-22 kDa, associated with endoplasmic reticulum and melanosomes. The function of the protein is unknown. Melan-A, isolated as a melanoma-specific antigen, is a transmembrane protein, which is expressed in skin, retina and the majority of cultured melanocytes as well as in melanomas. Melan A is expressed in more than 85% of melanomas.

Storage

Storage:

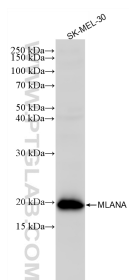
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



SK-MEL-30 cells were subjected to SDS PAGE followed by western blot with 87351-2-RR (MLANA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.