

For Research Use Only

CoraLite® Plus 488-conjugated Melan-A Recombinant monoclonal antibody

Catalog Number: CL488-87351-4



Basic Information

Catalog Number:

CL488-87351-4

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.:

252647C9

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : SK-MEL-28 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

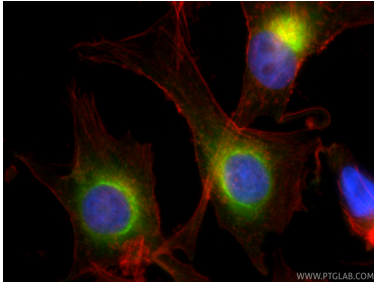
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed SK-MEL-28 cells using CoraLite® Plus 488 Melan-A antibody (CL488-87351-4, Clone: 252647C9) at dilution of 1:200, CL594-phalloidin (red).