

For Research Use Only

Melan-A Recombinant monoclonal antibody

Catalog Number: 87351-4-RR



Basic Information

Catalog Number: 87351-4-RR	GenBank Accession Number: BC014423	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2315	CloneNo.: 252647C9
Source: Rabbit	UNIPROT ID: Q16655	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: melan-A	
Immunogen Catalog Number: AG13346	Calculated MW: 13 kDa	
	Observed MW: 13-20 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : SK-MEL-30 cells,

IHC : human skin tissue,

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

*** 20ul sizes contain 0.1% BSA

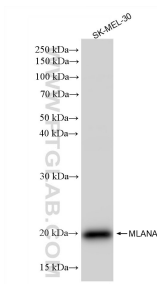
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

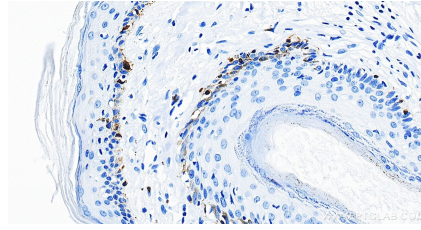
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



SK-MEL-30 cells were subjected to SDS PAGE followed by western blot with 87351-4-RR (MLANA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 87351-4-RR (MLANA antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).