

Biotin-conjugated Melan-A Recombinant monoclonal antibody

Catalog Number: Biotin-87351-4

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
Biotin-87351-4	BC014423	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	2315	252647C9
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q16655	IHC : 1:50-1:500
Isotype:	Full Name:	
IgG	melan-A	
Immunogen Catalog Number:	Calculated MW:	
AG13346	13 kDa	
	Observed MW:	
	13-20 kDa	

Applications

Tested Applications:	Positive Controls:
IHC	IHC : human malignant melanoma tissue,
Species Specificity:	
human	
Note-IHC: suggested antigen retrieval with <i>TE buffer pH 9.0</i>; (*) Alternatively, antigen retrieval may be performed with <i>citrate buffer pH 6.0</i>	

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.

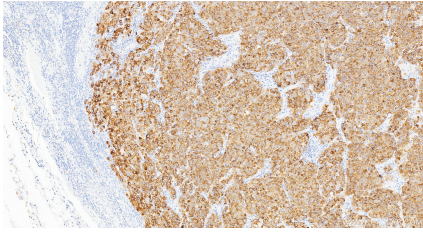
Storage

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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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using Biotin-87351-4 (Melan-A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).