

Melan-A Monoclonal antibody

Catalog Number: 60348-1-Ig **1 Publications**

Basic Information

Catalog Number: 60348-1-Ig	GenBank Accession Number: BC014423	Purification Method: Protein A purification
Size: 150ul , Concentration: 4300 µg/ml by Nanodrop and 2000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2315	CloneNo.: 4F10D6
Source: Mouse	Full Name: melan-A	Recommended Dilutions: IHC 1:500-1:2000
Isotype: IgG2a	Calculated MW: 13 kDa	
Immunogen Catalog Number: AG13387		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human malignant melanoma tissue,
Cited Applications: IF	
Species Specificity: human	
Cited Species: human	

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

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Chaoji Shi	35666052	Cancer Commun (Lond)	IF

Storage

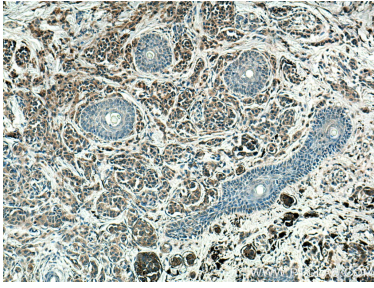
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

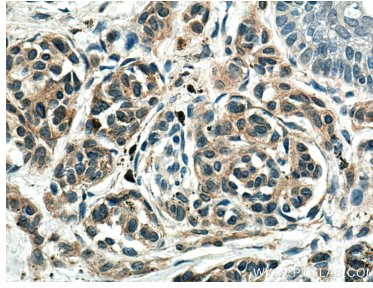
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 60348-1-Ig (Melan-A antibody) at dilution of 1:1000 (under 10x lens)..



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 60348-1-Ig (Melan-A antibody) at dilution of 1:1000 (under 40x lens)..