

For Research Use Only

Melan-A Monoclonal antibody, PBS Only



Catalog Number: 60348-1-PBS

Basic Information

Catalog Number:	60348-1-PBS	GenBank Accession Number:	BC014423	Purification Method:	Protein A purification
Size:	100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI):	2315	CloneNo.:	4F10D6
Source:	Mouse	UNIPROT ID:	Q16655		
Isotype:	IgG2a	Full Name:	melan-A		
Immunogen Catalog Number:	AG13387	Calculated MW:	13 kDa		

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human

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

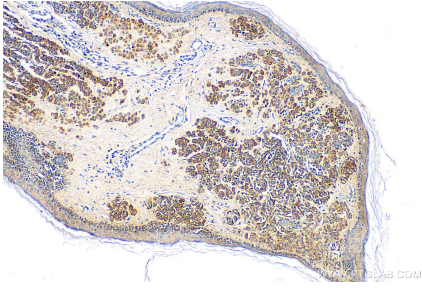
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

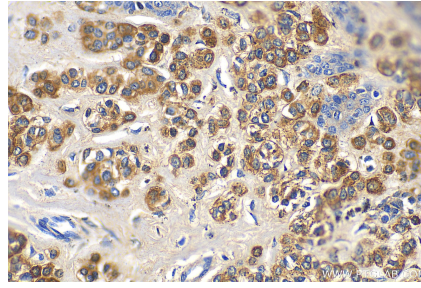
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 60348-1-Ig (Melan-A antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60348-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 60348-1-Ig (Melan-A antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60348-1-PBS in a different storage buffer formulation.