Best Tools for immunology Research

Melan-A Polyclonal Antibody

Catalog No :	YT2728
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	Melan-A
Gene Name :	MLANA
Protein Name :	Melanoma antigen recognized by T-cells 1
Human Gene Id :	2315
Human Swiss Prot No :	Q16655
Immunogen :	The antiserum was produced against synthesized peptide derived from human MART-1. AA range:41-90
Specificity :	Melan-A Polyclonal Antibody detects endogenous levels of Melan-A protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	15kD
Background :	tissue specificity:Expression is restricted to melanoma and melanocyte cell lines and retina.,

Function : tissue specificity:Expression is restricted to melanoma and melanocyte cell lines and retina.,

Subcellular Location : Endoplasmic reticulum membrane; Single-pass type III membrane protein. Golgi apparatus. Golgi apparatus, trans-Golgi network membrane. Melanosome. Also found in small vesicles and tubules dispersed over the entire cytoplasm. A small fraction of the protein is inserted into the membrane in an inverted orientation. Inversion of membrane topology results in the relocalization of the protein from a predominant Golgi/post-Golgi area to the endoplasmic reticulum. Melanoma cells expressing the protein with an inverted membrane topology are more effectively recognized by specific cytolytic T-lymphocytes than those expressing the protein in its native membrane orientation.

Expression : Expression is restricted to melanoma and melanocyte cell lines and retina.

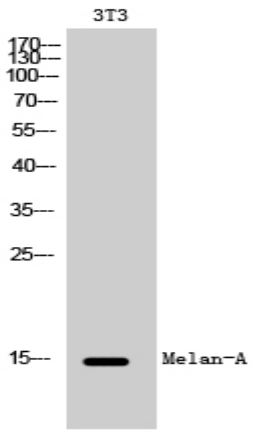
Sort : 9577

No4 : 1

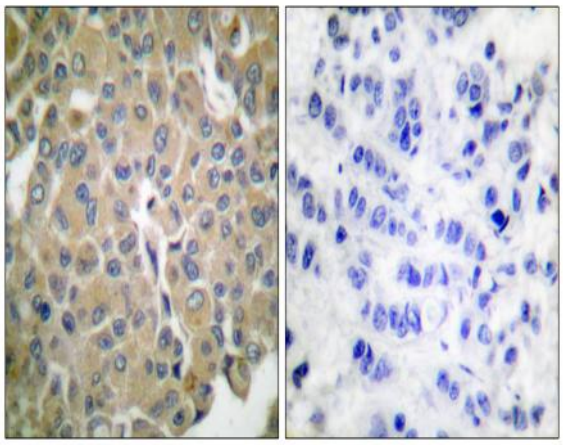
Host : Rabbit

Modifications : Unmodified

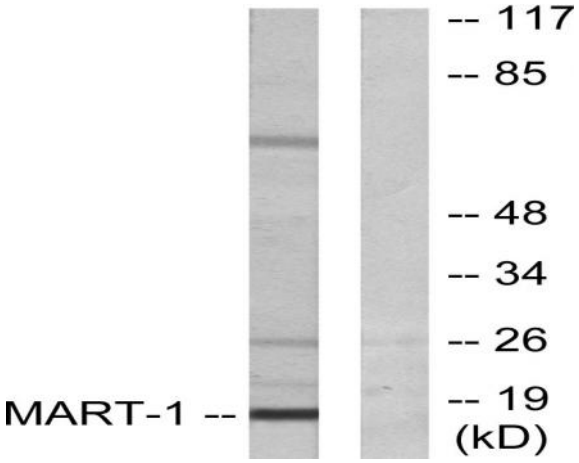
Products Images



Western Blot analysis of 3T3 cells using Melan-A Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MART-1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using MART-1 Antibody. The lane on the right is blocked with the synthesized peptide.