

Anti-MART-1/Melan-A Antibody

Rabbit Polyclonal Antibody

Catalog # ABV12075

Product Information

Application	WB
Primary Accession	Q2TA50
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Additional Information

Positive Control	WB: Recombinant protein
Application & Usage	WB: 1-4 μ g
Other Names	Melanoma antigen recognized by T-cells 1, Antigen LB39-AA, Antigen SK29-AA, MART-1, Melan-A
Target/Specificity	Melan-A
Antibody Form	Liquid
Appearance	Colorless liquid
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-MART-1/Melan-A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

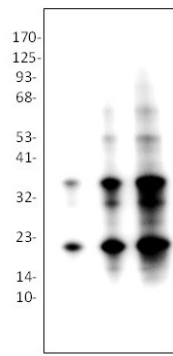
Protein Information

Background

MART-1 (also known as Melan-A) is a melanocyte differentiation antigen or marker recognized by autologous cytotoxic T lymphocytes. It is a membrane protein with one transmembrane peptide. Melan-A is expressed by a large proportion of melanoma tumors, both melanotic and amelanotic and by melanoma cell lines. It is present in melanocytes of normal skin and retina, nevi and in more than 85% of melanomas.

Melan-A/MART-1 is not expressed by non-melanoma malignancies. It is recognized by autologous cytotoxic T lymphocytes. Subcellular fractionation shows that MART-1 is present in melanosomes and endoplasmic reticulum. Six other melanoma associated antigens recognized by autologous cytotoxic T cells include MAGE-1, Tyrosinase, gp100, gp75, BAGE-1, and GAGE-1.

Images



Western blot analysis of MART-1 antibody in: Lane 1 :
Rec. mouse MART-1 2 ng Lane 2: Rec. mouse MART-1 10
ng Lane 3: Rec. mouse MART-1 50 ng

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.