10320 Camino Santa Fe, Suite G
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Anti-MART-1/Melan-A Antibody
Rabbit Polyclonal Antibody
Catalog # ABV12075

Specification

Anti-MART-1/Melan-A Antibody - Product Information

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

Anti-MART-1/Melan-A Antibody - Additional Information

Positive Control	**WB: Recombinant protein**
Application & Usage	**WB: 1-4 µg**

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.

Anti-MART-1/Melan-A Antibody - Protein Information

Anti-MART-1/Melan-A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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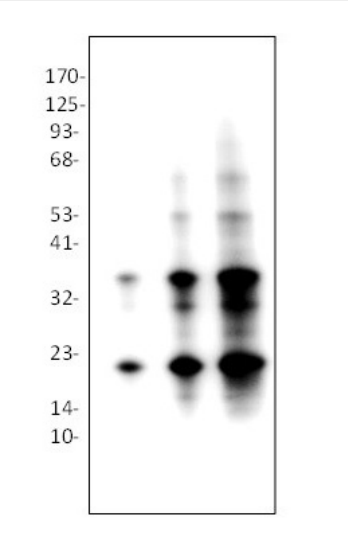
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MART-1/Melan-A Antibody - 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

Anti-MART-1/Melan-A Antibody - 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.