

MART-1/Melan-A, mouse recombinant protein

Melanoma antigen recognized by T-cells 1, Antigen LB39-AA, Antigen SK29-AA, MART-1, Melan-A

Catalog # PBV10426r

Specification

MART-1/Melan-A, mouse recombinant protein - Product info

Primary Accession

[Q2TA50](#)

Calculated MW

17.6 kDa KDa

MART-1/Melan-A, mouse recombinant protein - Additional Info

Gene ID

77836

Gene Symbol

Melan-A

Other Names

Melanoma antigen recognized by T-cells 1, Antigen LB39-AA, Antigen SK29-AA, MART-1, Melan-A

Gene Source

Mouse

Source

E. coli

Assay&Purity

N/A;

Assay2&Purity2

N/A;

Recombinant

Yes

Target/Specificity

MART-1/Melan-A

Format

Liquid

Storage

-20°C; MART-1/Melan-A protein is in 50 mM Tris, pH 7.5, 100 mM NaCl, 20 mM β-mercaptoethanol, and 20%Glycerol.

MART-1/Melan-A, mouse recombinant protein - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MART-1/Melan-A, mouse recombinant protein - Images**MART-1/Melan-A, mouse recombinant protein - 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. Mouse MART-1 is purified by proprietary chromatographic techniques.