

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-2297: Anti-MART-1 / Melan-A / MLANA (Melanoma Marker) Monoclonal Antibody(Clone: rMLANA/788)

Clone Name: Monoclonal
Clone Name: rMLANA/788
Application: WB,IHC

Reactivity: Human, Mouse, Rat

 Gene :
 MLANA

 Gene ID :
 2315

 Uniprot ID :
 Q16655

Alternative Name: Antigen LB39-AA, Antigen SK29-AA, Melanoma antigen recognized by T-cells 1, MLAN-A,

MLANA

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant full-length hMART-1 protein

Description

This antibody recognizes a protein doublet of 20-22kDa, identified as MART-1 (Melanoma Antigen Recognized by T cells 1) or Melan-A. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Seven other melanoma associated antigens recognized by autologous cytotoxic T cells include MAGE-1, MAGE-3, tyrosinase, gp100, gp75, BAGE-1, and GAGE-1. Subcellular fractionation shows that MART-1 is present in melanosomes and endoplasmic reticulum. This MAb labels melanomas and other tumors showing melanocytic differentiation. It is also a useful positive-marker for angiomyolipomas. It does not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin.

Product Info

Amount : $20 \mu g / 100 \mu g$

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition : Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous.

Application Note

Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

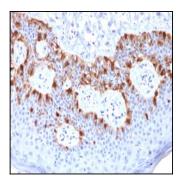


Fig. 1: Formalin-fixed, paraffin-embedded human Melanoma stained with MART-1 Mouse Recombinant Monoclonal Antibody (rMLANA/788).



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

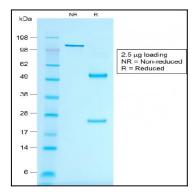


Fig. 2: SDS-PAGE Analysis of Purified MART-1 Mouse Recombinant Monoclonal Antibody (rMLANA/788). Confirmation of Purity and Integrity of Antibody.