9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-3784: Anti-Melanoma Marker (MART-1 + Tyrosinase + gp100) Monoclonal Antibody(Clone: DT101+ BC199 + T311 + HMB45)

Clonality :	Monoclonal
Clone Name :	DT101+ BC199 + T311 + HMB45
Application :	IHC
Reactivity :	Human
Gene ID :	2315; 6490
Alternative Name :	Melanoma antigen recognized by T-cells 1 (MART-1), MLAN-A; PMEL17
Isotype :	Mouse IgG2b, kappa + Mouse IgG1, kappa + Mouse IgG2a, kappa
Immunogen Information :	Recombinant hMART-1 protein (DT101 & BC199); Extract of pigmented melanoma metastases from lymph nodes (HMB45); Recombinant tyrosinase protein (T311)

Description

This antibody cocktail recognizes three melanoma-specific proteins, which include MART-1, Tyrosinase and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Tyrosinase is one of the targets for cytotoxic T-cell recognition in melanoma patients. Function of gp100 is not known but it is reported to be a useful marker for melanocytes and melanomas. This cocktail of three markers is designed for extremely sensitive labeling of formalin-fixed, paraffin-embedded melanomas and other tumors showing melanocytic differentiation.

Product Info

Amount :	20 µg / 100 µg
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

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&degC followed by cooling at RT for 20 minutes);

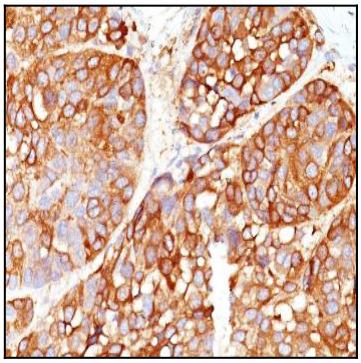

Fig. 1: Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Mouse Monoclonal (DT101+ BC199 + T311 + HMB45).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.