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36-3769: Anti-Melanoma Marker (MART-1 + gp100) Monoclonal Antibody(Clone: DT101+ BC199 + HMB45)

Clonality :	Monoclonal
Clone Name :	DT101+ BC199 + HMB45
Application :	IHC
Reactivity :	Human
Gene :	MLANA & SILV
Gene ID :	2315; 6490
Uniprot ID :	Q16655 ; P40967
Alternative Name :	Melanoma antigen recognized by T-cells 1 (MART-1), MLAN-A; PMEL17
Isotype :	Mouse IgG2b, kappa + Mouse IgG1, kappa
Immunogen Information :	Recombinant hMART-1 protein (DT101 & BC199); Extract of pigmented melanoma metastases from lymph nodes (HMB45)

Description

This antibody cocktail recognizes two melanoma-specific proteins, which include MART-1 and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Function of gp100 is not known but it is reported to be a useful marker for melanocytes and melanomas. A cocktail of these two markers is sensitive for labeling 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);

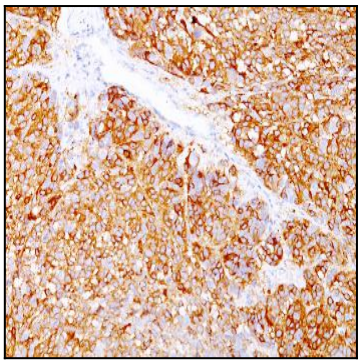


Fig. 1: Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Mouse Monoclonal Antibody (DT101+ BC199 + HMB45).

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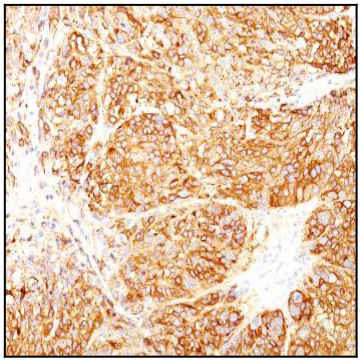


Fig. 2: Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Mouse Monoclonal Antibody (DT101+ BC199 + HMB45).

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