

### 36-11033: Monoclonal Antibody to Melanoma Marker (MART-1 + gp100 + Tyrosinase)(M2-7C10 + M2-9E3 + HMB45 + T311)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	M2-7C10 + M2-9E3 + HMB45 + T311
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	MLANA
<b>Gene ID :</b>	2315
<b>Uniprot ID :</b>	Q16655
<b>Format :</b>	Purified
<b>Alternative Name :</b>	MLANA,MART1
<b>Isotype :</b>	Mouse IgG2b, lambda + Mouse IgG2a, kappa + Mouse IgG1, kappa
<b>Immunogen Information :</b>	Recombinant hMART-1 protein (M2-7C10; M2-9E3); Recombinant tyrosinase protein (T311); Extract of pigmented melanoma metastases from lymph nodes (HMB45)

#### Description

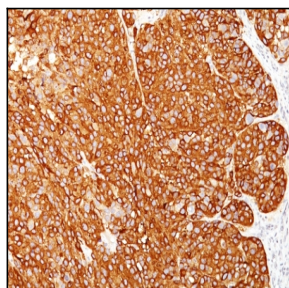
This antibody cocktail recognizes three melanoma-specific proteins, which include MART-1, Tyrosinase and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Tyrosinase is one of the targets for cytotoxic T-cell recognition in melanoma 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

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Western Blot (2-4ug/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);



Formalin-fixed, paraffin-embedded human Melanoma stained with Melanoma Marker Monoclonal Antibody (M2-7C10 + M2-9E3 + T311 + HMB45).