

## 36-11073: Monoclonal Antibody to Melanoma Marker (MART-1 + gp100 + Tyrosinase)(A103 + HMB45 + T311)

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Monoclonal   |
| <b>Clone Name :</b>            | A103 + 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 IgG1, kappa + Mouse IgG2a, kappa + Mouse IgG1, kappa   |
| <b>Immunogen Information :</b> | Recombinant hMART-1 protein (A103); Recombinant tyrosinase protein (T311); Extract of pigmented melanoma metastases from lymph nodes (HMB45) |

### Description

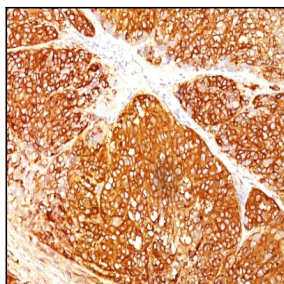
This antibody cocktail recognizes three melanoma-specific proteins, which include MART-1, Tyrosinase and gp100. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T lymphocytes. Tyrosinase is one of the targets for cytotoxic T-cell recognition in melanoma patients. The 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 (A103 + T311 + HMB45).