

## Monoclonal Mouse Antibody to Human MART-1/Melan-A (Melanoma Marker)

<b>Catalog No.:</b>	Mob 277, Mob 277-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	BALB/C mice were injected with recombinant MART-1 protein.
<b>Clone:</b>	A103
<b>Isotype:</b>	IgG1
<b>Format:</b>	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody is specific to a 20 kD protein known as MART-1 (Melanoma Antigen Recognized by T cells 1) or Melan-A. This antibody does not cross react with MAGE-1 or tyrosinase protein. MART-1 is a newly identified melanocyte differentiation antigen recognized by autologous cytotoxic T-lymphocytes.
<b>Positive Control:</b>	Melanoma
<b>Cellular localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Chen et al. Proc Natl Acad Sci USA 93: 5915, 1996.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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