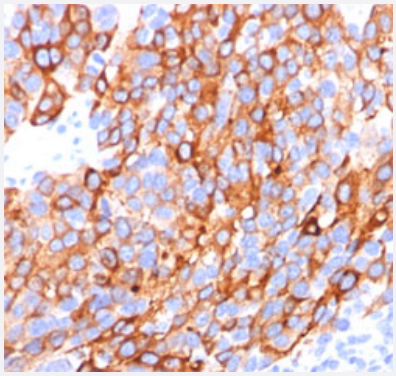
# MLANA monoclonal antibody, clone M2-7C10

Catalog # MAB11283 Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma with MLANA monoclonal antibody, clone M2-7C10 (Cat # MAB11283) at 1:500 using peroxidase-conjugate and DAB chromogen. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.

## Specification

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| **Product Description** | Mouse monoclonal antibody raised against MLANA. |
| **Immunogen** | Recombinant protein corresponding to full length human MLANA. |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein G affinity chromatography |
| **Isotype** | IgG2b, kappa |
| **Recommend Usage** | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 0.2 mg/ml PBS (0.05% BSA, 0.05% sodium azide) |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

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| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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## Gene Info — MLANA

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|---|---|
| **Entrez GeneID** | 2315 |
| **Protein Accession#** | NP_005502 |
| **Gene Name** | MLANA |
| **Gene Alias** | MART-1, MART1 |
| **Gene Description** | melan-A |
| **Omim ID** | 605513 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | OTTHUMP00000021036\|OTTHUMP00000021037\|OTTHUMP00000021038 |

## Disease

- Genetic Predisposition to Disease
- Malignant melanoma
- Melanoma
- Skin Neoplasms

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