

## Monoclonal Antibody to Melanoma Discriminated Antigen - Supernatant

<b>Catalog No.:</b>	AM32147SU-L
<b>Quantity:</b>	5 ml
<b>Background:</b>	Melanoma is a malignant tumor of melanocytes which are found predominantly in skin but also in the bowel and the eye (see uveal melanoma). It is one of the rarer types of skin cancer but causes the majority of skin cancer related deaths. Despite many years of intensive laboratory and clinical research, the sole effective cure is surgical resection of the primary tumor before it achieves a thickness of greater than 1 mm.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	PAL-M2
<b>Immunogen:</b>	Isolated from Human Melanoma cells.
<b>Format:</b>	<b>State:</b> Supernatant <b>Preservatives:</b> 10mM Sodium Azide
<b>Applications:</b>	<b>Immunohistochemistry on Frozen Sections:</b> Use at 1/5-1/25 preferably in PBS. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Detects Melanoma Discriminated Antigen in Human samples. This Monoclonal antibody clone <i>PAL-M2</i> stains a minority of primary melanomas and half of the metastatic lesions tested. It rarely stains dysplastic naevi or common cellular naevi using standard immunohistochemical conditions. The antibody recognizes two protein bands in Immunoblotting with a Molecular Weight of 95-100 kD. <b><u>Cross reactivity:</u></b> Skin carcinomas: not detectable Dendritic cells in inflammatory infiltrates: present Sebaceous glands : present Non-cutaneous tumors: present
<b>Species Reactivity:</b>	<b>Tested:</b> Human.
<b>Storage:</b>	Store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Ruiter, D.J. et al., 1985, J. Invest. Dermatol., 85, 2.