

Product datasheet for **AM32147SU-N**

Melanoma Discriminated Antigen Mouse Monoclonal Antibody [Clone ID: PAL-M2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	PAL-M2
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections: Use at 1/5-1/25 preferably in PBS.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Isolated from Human Melanoma cells.
Specificity:	<p>Detects Melanoma Discriminated Antigen in Human samples.</p> <p>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.</p> <p>Cross reactivity:</p> <p>Skin carcinomas: not detectable</p> <p>Dendritic cells in inflammatory infiltrates: present</p> <p>Sebaceous glands : present</p> <p>Non-cutaneous tumors: present</p>
Formulation:	<p>State: Supernatant</p> <p>Preservative: 10mM Sodium Azide</p>
Conjugation:	Unconjugated
Storage:	<p>Store undiluted (in aliquots) at -20°C.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.



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Background:

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.