

## Monoclonal Mouse Antibody to Human Melanoma

<b>Catalog No.:</b>	PDM 011
<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> melanoma	BALB/C mice were injected with extract of pigmented metastases from lymph nodes.
<b>Clone:</b>	HMB45
<b>Isotype:</b>	IgG1, Kappa
<b>Format:</b>	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
<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 reacts with a neuraminidase sensitive oligosaccharide side chain of a glycoconjugate present in immature melanosomes. It reacts with junctional and blue nevus cells. Non-melanocytic cells are negative.
<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) Gown et al. Am J Pathol 123: 195, 1986. ii) Kapur et al. J Histochem Cytochem 40: 207, 1992. iii) Leong et al. Surg Pathol 2: 137, 1989.

### 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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