

## Product datasheet for **AM10112SU-N**

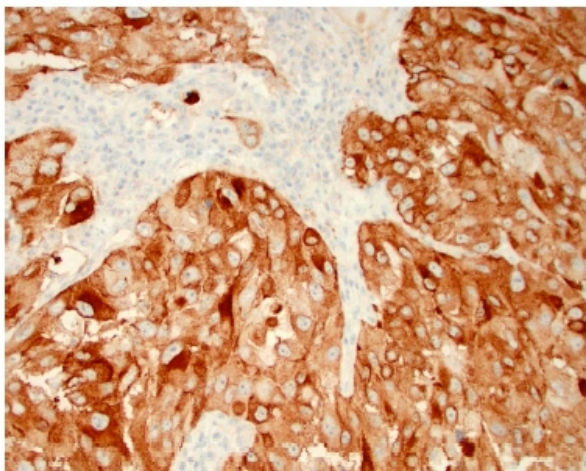
### HMB45 Mouse Monoclonal Antibody [Clone ID: HMB45]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	HMB45
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections:</b> 1/100 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Melanoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Extract of pigmented melanoma metastases from lymph nodes.
Specificity:	By Immunohistochemistry, HMB-45 specifically recognizes a protein in melanocytes and melanomas. Intradermal nevi, normal adult melanocytes, and non-melanocytic cells are negative. It does not stain tumor cells of epithelial, lymphoid, glial, or mesenchymal origin. Cellular Localization: Cytoplasmic.
Formulation:	State: Supernatant State: Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Background:	Malignant melanoma is a malignant neoplasm of melanocytes, arising de novo or from a pre existing benign nevus, which occurs most often in the skin but also may involve other sites.
Synonyms:	HMB45 Melanoma Marker



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**Product images:**

Formalin-Fixed, Paraffin-Embedded Human melanoma stained with HMB45 antibody Cat.-No. AM10112SU-N using peroxidase conjugate and DAB chromogen. Note the cytoplasmic staining of melanoma cells.