

## Product datasheet for **AM05542SU-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	HMB45
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on frozen sections: 1/40. Immunohistochemistry on paraffin sections: 1/40; This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections. Histology Positive Control Tissue: Melanoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Extract of pigmented melanoma metastases from lymph nodes.
Specificity:	This antibody recognises the HMB-45 antigen, an intracytoplasmic antigen expressed by the majority of melanomas and with other tumours demonstrating melanocytic differentiation. Tumours of lymphoid, epithelial, glial and mesenchymal origin are negative. Normal adult melanocytes do not label with this antibody, although fetal and neonatal melanocytes stain variably.
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide, 1% Bovine Serum Albumin State: Liquid purified IgG
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	HMB45 Melanoma Marker



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