

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

44-1159: Anti-HMB-45 Monoclonal Antibody (Clone:IHC602)

Clonality: Monoclonal **Clone Name:** IHC602 Application: IHC Reactivity: Human Gene: **PMEL** Gene ID: 6490 **Uniprot ID:** P40967 Format: Purified

PMEL, D12S53E, PMEL17, SILV, Melanocyte protein Pmel 17, Melanocytes lineage-specific antigen

Alternative Name: GP100, Melanoma-associated ME20 antigen, P1, P100, Premelanosome protein, Silver locus protein

homolog

Description

HMB-45 is specific for an antigen present in immature melanosomes, cutaneous melanocytes, and prenatal and infantile retinal pigment epithelium cells. It is therefore effective for identifying malignant melanoma, and differentiating metastatic amelanotic melanoma from a number of conditions from which the discrimination is often extremely difficult, including large cell lymphomas, sarcomas, spindle cell carcinomas, and various types of mesenchymal neoplasms. This antibody can also differentiate between junctional nevus and intradermal nevus cells, and fetal or neonatal melanocytes versus normal adult melanocytes.

Product Info

Amount: 0.1 ml / 1 ml

Purification: Protein A/G Chromatography

Storage condition : Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

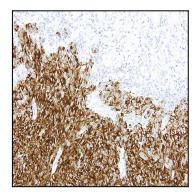


Figure 1: Immunohistochemical analysis of HMB-45 (IHC602) on Melanoma