

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
Alternative Name :	PMEL, D12S53E, PMEL17, SILV, Melanocyte protein Pmel 17, Melanocytes lineage-specific antigen 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.

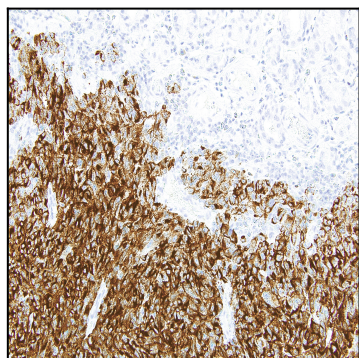


Figure 1: Immunohistochemical analysis of HMB-45 (IHC602) on Melanoma