

Mouse anti-HMB45 antigen (Melanoma Marker), clone HMB45 (monoclonal)

Clone no. HMB45

MONXtra

Product name	Mouse anti-HMB45 antigen (Melanoma Marker), clone HMB45 (monoclonal)
Host	Mouse
Applications	IHC-P (1:60)
Species reactivity	human
Conjugate	-
Immunogen	Extract of pigmented melanoma metastases from lymph nodes.
Isotype	IgG1, kappa
Clonality	Monoclonal
Clone number	HMB45
Size	1 ml
Concentration	Greater than or equal to 10.8 mg/L
Format	-
Storage buffer	Tissue culture supernatant with Sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The HMB45 antigen has also been identified in retinal pigment epithelium (RPE) but is reported to be reactive only with the transient prenatal and infantile RPE. No reaction is reported to be observed with intradermal nevi and normal adult melanocytes and non-melanocytic cells. Tumor cells of epithelial, lymphoid, glial and mesenchymal origin are reported to be negative. This clone is well described in the literature. It is indicated to label an intracytoplasmic antigen in the majority of melanomas and other tumors demonstrating melanoma/melanocytic differentiation. The clone is also reported to react with junctional and blue nevus cells. (Bacchi CE et al., A Review. Applied Immunohistochemistry. 4:73-85 (1996)).

References

1. Swetter SM et al. Archives of Dermatology. 2004; 140:99-103
2. Kapur RP et al. The Journal of Histochemistry and Cytochemistry. 1992; 40(2):2
3. Gown AM et al. American Journal of Pathology. 1986; 123(2):195-203
4. -
5. -

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