



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Catalogue

 nordicmubio.com/products/melanoma-hmb45/ME505

Melanoma, HMB45

Catalog number: **ME505**

Clone	HMB45
Isotype	IgG1
Units	5 ml
Host	Mouse
Application	Immunohistochemistry (paraffin)

Background

The antibody HMB45 is used for the discrimination of Melanoma from normal Melanocytes. Melanoic Schwannoma Clear Cell Sarcoma will also be stained. Negative are tumours of epithelial, lymphoid, glial and mesenchymal origin. Melanocytes are pigmented, melanin containing cells being located mainly in the epidermis. They protect tissues from UVB irradiation of the sun. The antibody HMB45 reacts with fetal and neonatal Melanocytes, with junctional and blue naevus cells, but not with intradermal naevi and adult melanocytes. Neuraminidase-sensitive glycoconjugate on the surface of human melanosomes.

Source

Immunogen: Extract from lymph node metastases of melanoma

Product

Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 50 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art. No. PU002, if further dilution is required.

Purification Method: Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide**. The volume is sufficient for at least 50 immunohistochemical tests (100 µl working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art. No. PU002, if further dilution is required.

Secondary Reagents: We recommend the use of BIOLOGO'S Universal Staining System AEC (Art.-No. AE005), but also other sensitive staining systems are applicable (red staining usually is preferred).

Specificity

Species Reactivity: Human

Applications

IHC(P)

Incubation Time: 60 min at RT

Working Concentration: (RTU) neat

Pre-Treatment: Pre-treatment with pronase 0,1% or unmasking fluid G (Art. No. DE007)

Positive Control: Melanoma

Storage

2-8°C

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpa Biologicals accepts no liability for any inaccuracies or omissions in this information.

References

1. Gown A.M., et al., (1986) Monoclonal antibodies specific for melanocytic tumors distinguish subpopulations of melanocytes. Am. J. Pathol. 123; 195 ff. 2. Kapur R.P., et al. (1992) Anti-melanoma monoclonal antibody HMB45 identified an oncofetal glycoconjugate associated with immature melanosomes. J. Histochem Cytochem 40(2); 207 ff. 3. Leong A.S.-Y., and Millos J. (1989) An assessment of a melanoma-specific antibody HMB-45 and other immunohistochemical markers of malignant melanoma in paraffin-embedded tissues. Surg. Pathol. 2; 137 ff.

Safety Datasheet(s) for this product:

NM_Sodium Azide