



# SZABO SCANDIC

Part of Europa Biosite

## 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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## Melanoma, NKI/C3 - Nordic MUBio

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[nordicmubio.com/product/melanoma-nki-c3](http://nordicmubio.com/product/melanoma-nki-c3)

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### Melanoma, NKI/C3

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Catalogue number: **ME100**

Clone	NKI/C3
Isotype	IgG1
Product Type	Primary Antibodies
Units	1 ml
Host	Mouse
Application	Immunohistochemistry (paraffin)

### Background

The antibody NKI-C3 binds to a melanoma-associated antigen, which is mainly expressed in the cytoplasm of melanoma cells and naevus cellnaevi. The antibody doesn't react with normal melanocytes or other normal cells with the exception of mast cells, histiocytes, salivary gland, bronchial, pancreatic and prostate epithelia. To avoid True positive results in diagnosis the antibody should only be used in combination with non cross-reacting melanoma markers (e.g. HMB45 Art. No. ME100 and ME500). Melanocytes are pigmented Melanin containing cells, which are mainly located in the epidermis, protecting tissues from irradiation by sun beams (UVB). In melanoic tumours characteristic proteins are over-expressed, which in part are defined by specific antibodies. NKI/C3 in Western Blot stains diffuse protein bands in a range of 25 to 100 kDa from cytoplasm of melanoma cells 25-100 kDa peptide band in immuno blot of human melanoma.

### Source

*Immunogen:* Protein extract of human melanoma cell line

### Product

Antibody solution in stabilizing phosphate buffer pH 7.3. Contains 0.09 % sodium azide\*\*. The volume is sufficient for at least 100 immunohistochemical tests (100 µl

working solution / test). Use appropriate antibody diluent e.g. BIOLOGO Art .No. PU002.

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

*Secondary Reagents:* BioLogo Universal Staining Kits Art.-No. DA005 (AE005).

## **Specificity**

*Species Reactivity:* Human

## **Applications**

IHC(P)

*Incubation Time:* 60 min at RT

*Working Concentration:* (liquid conc.) 1:10 - 1:20

*Pre-Treatment:* No pre-treatment with proteases necessary, improved staining may be achieved with 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 Nordic-MUBio accepts no liability for any inaccuracies or omissions in this information.

## **References**

1. Van Duinen S. G. et al. (1984) Immunohistochemical and histochemical tools in the diagnosis of amelanotic melanoma. Cancer 53; 1566-1573. 2. Suter L. (1987) Immunhistologische Marker für Diagnose und Prognose bei malignen Melanomen. Der Pathologe 8; 163-167.

## **Safety Datasheet(s) for this product:**

NM\_Sodium Azide

</wp-content/uploads/SDS/Antibody SDS with Sodium Azide Nordic-MUBio.pdf>

