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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



Neurofilaments 70/200 kDa

nordicmubio.com/product/neurofilaments-70-200-kda

Catalogue number: **NF101**

Clone	2F11
Isotype	IgG1
Product Type	Primary Antibodies
Units	1 ml
Host	Mouse
Application	Immunoblotting Immunohistochemistry (frozen) Immunohistochemistry (paraffin)

Background

This antibody may also stain pheochromocytoma and medullary adrenal cells. Neurofilament proteins are characteristic intermediary filaments of neurons. They are divided into three classes of molecular weights: 70, 160 and 200 kDa. As well central as peripheral nerve fibres are stained with this antibody. Glia cells are antibody negative. Neurofilaments 70 and 200 kDa.

Source

Immunogen: Purified neurofilament proteins from human brain

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: We recommend the use of BIOLOGO's Universal Staining System DAB (Art. No. DA005) or AEC (Art.-No. AE005).

Specificity

Species Reactivity: Human, cattle, dog, horse, mouse, pig, rat

Applications

IHC(C,P), Immunoblotting

Incubation Time: 60 min at RT

Working Concentration: (liquid conc.) 1:10 - 1:50

Pre-Treatment: No protease pre-treatment required! Blocking of endogenous biotin and alkaline phosphatase is recommended, if avidin/biotin systems are used.

Positive Control: Nerve tissue

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. Osborn M., Altmannsberger M., Shaw G., Schauer A., Weber K. (1982) Various sympathetic derived human tumors differ in neurofilament expression. Use in Diagnosis of neuroblastoma, ganglioneuroblastoma and pheochromocytoma. Virchows Arch. Cell Pathol. 40; 141-156.
2. Alfonsi F., Darmon M., Forest N., and Paulin D. (1983) Intermediate sized filaments as markers of neuronal differentiation in the role of cell interaction in early neurogenesis. In: Plenum Publishing Corporation A.M. Duprat, A. Kato, and M. Weber eds. pp 157-176.
3. Osborn M., and Weber K. (1983) Biology of disease tumor diagnosis by intermediate filament typing. Lab. Invest. 48; 372-394.
4. Klück P., et al. (1984) Hirschsprung disease studied with monoclonal anti neurofilament antibodies on tissue sections. The Lancet, March 24, 652-653.
5. Osborn M., Dirk T., Käser H., Weber K., and Altmannsberger M. (1986) Immunohistochemical localization of neurofilaments and neuron-specific enolase in 29 cases of neuroblastoma. Am. J. Pathol. 122; 433-442.

Safety Datasheet(s) for this product:

NM_Sodium Azide

[/wp-content/uploads/SDS/Antibody SDS with Sodium Azide Noridic-MUBio.pdf](#)