



# 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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## Fibronectin, human

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[nordicmubio.com/product/fibronectin-human](http://nordicmubio.com/product/fibronectin-human)

Catalogue number: **FI24911**

Product Type	Primary Antibodies
Units	0.5 ml
Host	Rabbit
Application	ELISA Immunofluorescence Immunohistochemistry (paraffin) Radioimmunoassay

### Background

This antibody may be used to identify fibronectin during wound healing, during tumour progression, and tumour invasion respectively. Fibronectins are glycoproteins, which occur as dimers of two 200 kDa subunits. They have binding domains for bacterial proteins, collagens, heparin-like molecules and fibrin. Cellular fibronectin is widely distributed in the stroma of malignant tumours. Human fibronectin 100%, human collagen type I, III, IV and VI <0.1% (RIA at 1:10000 dilution).

### Source

*Immunogen:* Purified fibronectin from human plasma

### Product

Affinity purified antibody lyophilized from phosphate buffered solution (non-sterile). Contains antimycotic substance, but no BSA and sodium azide! Reconstitute with 0.5 ml of sterile water and store aliquots at -20°C. For further dilution use appropriate antibody diluent, e.g. Art. No. PU002 for IHC.

*Purification Method:* Affinity purified antibody lyophilized from phosphate buffered solution (non-sterile). Contains antimycotic substance, but no BSA and sodium azide! Reconstitute with 0.5 ml of sterile water and store aliquots at -20°C. For further dilution use appropriate antibody diluent, e.g. Art. No. PU002 for IHC.

*Concentration:* app. 1 mg/ml

*Secondary Reagents:* Anti-rabbit IgG-conjugates, e.g. anti-rabbit IgG:FITC (Art. No. FI-1000) or anti-rabbit IgG:DyLight488 (Art. No. DI-1488).

## **Specificity**

*Species Reactivity:* Human, cross-reaction with pig <0,1%

## **Applications**

IFA, IHC(P), ELISA, RIA

*Incubation Time:* IHC(P) 60 min at RT or 2-8°C over night

*Working Concentration:* (purified, lyophilized) IFA ? 1:80, IHC(P) ? 1:500, ELISA ? 1:200 (OD ? 500)

*Pre-Treatment:* After de-waxing the tissue slices they are treated with 0.2% hyaluronidase (app. 300 U/mg e.g. Art. No. HYA02-50) in TBS 15 min at 37°C. There after non-specific binding is blocked by blocking serum or 3% BSA in TBS. For peroxidase systems blocking with 1% peroxide solution in TBS for 30 min at RT is recommended.

*Positive Control:* Human skin

## **Storage**

-20°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. Heinrich L., Tissot N., Hartmann D.J., Cohen R. (2010) Comparison of the results obtained by ELISA and surface plasmon resonance for the determination of antibody affinity. *J. Immunol. Methods* 352, 13-22.
2. Black A.F., Bouez C., Perrier E., Schlotmann K., Chapuis F., Damour O. (2005) Optimization and characterization of an Engineered human skin equivalent. *Tissue Engineering* 11, 723-733.
3. Guerret S., Govignon E., Hartmann D.J., Ronfard V. (2003) Long term remodeling of a bilayered living human skin equivalent (Apligraf®) grafted onto nude mice: immunolocalization of human cells and characterization of extracellular matrix. *Wound Rep. Reg.*
4. De Mello-Coelho V., Villa-Verde D.M.S., Dardenne M., Savino W. (1997) Pituitary hormones modulate cell-cell interactions between thymocytes and thymic epithelial cells. *J. Neuroimmunol.* 76, 39-49.

## **Protein Reference(s)**

*Database Name:* UniProt

*Accession number:* P02751(FINC\_HUMAN)

*Species Accession:* Human

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

NM\_Sodium Azide

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