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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Fibronectin, bovine

nordicmubio.com/product/fibronectin-bovine

Catalogue number: **FI24921**

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. Bovine fibronectin 100%, bovine collagen type I and III <0.1% (RIA at 1:10000 dilution).

Source

Immunogen: Purified fibronectin from bovine 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: Cattle, cross-reaction with dog

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 (Envision), 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: Bovine skin or liver

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. Ocampo Lyra J.S.P., Madi K., Maeda C.T., Savino W. (1993) Thymic extracellular matrix in human malnutrition. J. Pathol. 1993, 171, 231-236.

Protein Reference(s)

Database Name: UniProt

Accession number: P07589 (FINC_BOVIN)

Species Accession: Bovine

Safety Datasheet(s) for this product:

NM_Sodium Azide

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