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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Rat anti Entactin / NiDogen

Catalogue number: **MUB0501P**

Clone	ELM1
Isotype	IgG2a
Product Type	Primary Antibodies
Units	0,1 mg
Host	Rat
Species reactivity	Mouse
Application	Immunoblotting Immunocytochemistry Immunohistochemistry (frozen)

Distributors

For Purchasing Information,
please contact your local
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Background

Basement membrane components play an important role in cell adhesion, locomotion, differentiation and embryonic compartmentalization. Although the precise composition and structure of basal laminae varies from tissue to tissue, as well as within the same tissue at different developmental stages, most mature basal laminae contain type IV collagen, laminins, heparan sulphate proteoglycans and entactin (or niDogen). Entactin is a sulphated glycoprotein of approximately 150 kD.

Source

ELM1 is a Rat monoclonal IgG2a antibody derived by fusion of X63 Ag 8.653 Mouse myeloma cells with spleen cells from a Fisher Rat immunized with a partially purified preparation of laminin from the EHS Mouse tumor.

Product

Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Applications

ELM1 is suitable for immunoblotting, immunocytochemistry and immunohistochemistry on frozen tissues. Optimal antibody dilution should be determined by titration; recommended range is 1:25 – 1:200 for immunohistochemistry with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent, and 1:100 – 1:1000 for immunoblotting applications.

Specificity

ELM1 reacts with entactin.

Storage

Store at 4°C, or in small aliquots at -20°C.

References

1. Ljubimov, A. V., Afanasjeva, A. V., Litvinova, L. V., Senin, V.M. (1986). Basement membrane components produced by a Mouse ascites teRatocarcinoma TB24, Exp Cell Res 165, 530-40.
2. Couchman, J. R., and Ljubimov, A. V. (1989). Mammalian tissue distribution of a large heparan sulfate proteoglycan detected by monoclonal antibodies. Matrix 9, 311-321.

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. This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.