



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



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) 



Mouse anti MUC1 (CD227)

Catalogue number: **MUB1207P**

| | |
|--------------------|--|
| Clone | 175C5 |
| Isotype | IgG1 |
| Product Type | Primary Antibodies |
| Units | 0.1 mg |
| Host | Mouse (Balb/c) |
| Species reactivity | Human |
| Application | Electron microscopy ELISA Flow cytometry Immunoblotting Immunofluorescence Immunohistochemistry (frozen) Immunoprecipitation |

Distributors

For Purchasing Information,
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Background

Mucin 1, cell surface associated (MUC-1) or polymorphic epithelial mucin (PEM) is a mucin encoded by the MUC1 gene in Humans. MUC-1 is a glycoprotein with extensive O-linked glycosylation of its extracellular domain. Mucins line the apical surface of epithelial cells in the lungs, stomach, intestines, eyes and several other organs. The protein serves a protective function by binding to pathogens and also functions in a cell signaling capacity. Overexpression, aberrant intracellular localization, and changes in glycosylation of this protein have been associated with colon, breast, ovarian, lung and pancreatic cancers.

Product

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

Applications

140 H2 is useful for ELISA, immunofluorescence, flow cytometry, immunoprecipitation, western blot, electron microscopy and immunohistochemistry on frozen tissues. Optimal antibody dilution should be determined by titration.

Specificity

175C5 shows a high preference for breast carcinomas relative to normal breast epithelium. The antibody reacts with a carcinoma-associated antigen in both adenocarcinomas and squamous cell carcinomas of different origins.

Storage

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

References

1. J. Hilkens, J. Wesseling, H. L. Vos, J. Storm, M. Boer, S. W. van der Valk and M. C. E. Maas, Episialin/CA15-3: its structure and involvement in breast cancer progression, Ned Tijdschr Klin Chem 1995; 20: 293-298

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.