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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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Mouse anti MUC1 (CD227)

Catalogue number: **MUB1206P**

Clone	139H2
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, please contact your local distributor

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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.

Source

The 139H2 monoclonal antibody is derived by immunisation of Balb/c mice with Human milk-fat globule membranes (HMFGM).

Product

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

Applications

139 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

Mouse monoclonal antibody has been raised anti Human milk-fat globule membranes (HMFGM) to obtain reagents for mammary tumor diagnosis. This monoclonal reacts towards an peptide epitope in the repeat region of MUC-1.

Storage

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

References

1. Hilkens J, Buijs F, Hilgers J, Hageman P, Calafat J, Sonnenberg A, van der Valk M. Monoclonal antibodies anti Human milk-fat globule membranes detecting differentiation antigens of the mammary gland and its tumors.

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.