Sialosyl-Tn antigen monoclonal antibody, clone STn 218

Catalog # MAB6199 Size 500 uL

Specification

Product Description	Mouse monoclonal antibody raised against Sialosyl-Tn antigen.
Immunogen	Ovine submaxillary mucin (OSM).
Host	Mouse
Reactivity	Human, Sheep
Specificity	This antibody stains colon carcinomas and ovarian mucinous carcinomas producing apical cytoplasmic, apical membrane or luminal staining patterns. It is negative with majority of adult tissue sections.
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunofluorescence
- Immunocytochemistry

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- Flow Cytometry

Publication Reference

- Human tumor antigens Tn and sialyl Tn arise from mutations in Cosmc.

  Ju T, Lanneau GS, Gautam T, Wang Y, Xia B, Stowell SR, Willard MT, Wang W, Xia JY, Zuna RE, Laszik Z, Benbrook DM, Hanigan MH, Cummings RD.

  Cancer Research 2008 Mar; 68(6):1636.

  Application: WB-Tr, Human, LSC, LS174T cells

- Biological significance of cancer-associated sialyl-Tn antigen: modulation of malignant phenotype in gastric carcinoma cells.

  Pinho S, Marcos NT, Ferreira B, Carvalho AS, Oliveira MJ, Santos-Silva F, Harduin-Lepers A, Reis CA.

  Cancer Letters 2007 May; 249(2):157.

  Application: Func, WB, Human, MKN45, MST6-I, MST6-II cells

- Monoclonal antibody directed against colon cancer mucin has high specificity for malignancy.

  Siddiki B, Ho JJ, Huang J, Byrd JC, Lau E, Yuan M, Kim YS.

  International Journal of Cancer 1993 May; 54(3):467.

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