



Category: Monoclonal Antibodies **Cat. #** 1107NF-V1139 **Product Name:** Sialosyl-Tn Antigen - Concentrated – Clone B35.1

Description:

Monoclonal Mouse Anti-Sialosyl-Tn Antigen (NeuAc a 2-6 GalNac)

Immunogen:

Sialosyl-Tn peptide.

Application:

Immunohistochemistry 1:50-1:100; Western Blotting 1:100-1:500; ELISA 1:2000-1:5000.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Colon Carcinoma, Ovarian Mucinous Carcinoma

Presentation:

20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:

Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. GENERAL INFO: When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:

This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. However, prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50-1:100 in IHC.. This product can be also used on frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory.

Specificity:

This antibody reacts with sialosyl-Tn antigen, [NeuAca2-6 GalNac-Ser (Thr)]. It shows no cross-reactivity with aGalNac-Ser (Thr).

Storage:

Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.5 ml

Clone: B35.1

Isotype: IgG1, k

Host: Mouse

Form: Concentrated

Concentration: 0.4 mg/ml

Units On Hand: YES

References:

1. Gold, D.V., et al. Tumor Biol, 9: 137-144, 1990.
2. Kjeldsen, T., et al. Cancer Res, 48: 2214-2220, 1988.
3. Itzkowitz, S. Cancer Res, 49: 197-204, 1989.
4. Yonezawa S, et al, J. Clin. Pathology, B98:B 167-174, 1992.

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