

Monoclonal Antibody to CD175s - Supernatant

Alternate names:	Blood Group Antigen Tn, TN
Catalog No.:	DM3197
Quantity:	0.5 ml
Concentration:	0.4 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	B35.1
Immunogen:	Sialosyl-Tn peptide
Format:	State: Liquid concentrated supernatant Buffer System: 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.
Applications:	Western Blotting: 1:100-1:500. ELISA: 1:2000-1:5000. Immunohistochemistry: 1:50-1:100. This antibody can be used on formalin-fixed, paraffin embedded tissue sections. However, prolonged fixation in buffered formalin can destroy the epitope. The antibody can be also used on frozen tissue sections or specimens. Recommended positive control: Colon Carcinoma, Ovarian Mucinous Carcinoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with sialosyl-Tn antigen, [NeuAca2-6 GalNac-Ser (Thr)]. It shows no cross-reactivity with aGalNac-Ser (Thr). Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Gold, D.V., et al. Tumor Biol, 9: 137-144, 1990. 2. Kjeldsen, T., et al. Cancer Res, 48: 2214-2220, 1988. 3. Fukui, S., et al. Cancer Res, 51: 331-335, 1991. 4. Siddiki, B., et al. Intl J Cancer, 54: 467-474, 1993. 5. Yonezawa, S., et al. Clin Pathology, 98: 167-174, 1991. 6. Osako, M., et al. Cancer, 71: 2191-2199, 1993. 7. Itzkowitz, S. Cancer Res, 49: 197-204, 1989. 8. Itzkowitz, S., et al. Cancer, 66: 1960-1966, 1990.