

Monoclonal Antibody to Alpha-2,6-sialylated lactosamines - Supernatant

Alternate names:	CD75s
Catalog No.:	SM1600
Quantity:	1 ml
Host / Isotype:	Mouse / IgM
Clone:	LN-1
Immunogen:	Human lymphocytes and SU-DHL4 cell line
Format:	State: Liquid tissue culture supernatant containing 0.09% sodium azide as preservative
Applications:	Flow cytometry. Immunohistochemistry on frozen (dilution of 1/5 - 1/10) and paraffin sections. This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. 0.1 M Tris - HCl buffer pH 8.0 or STUF are recommended for this purpose. Recommended positive control tissue: Human tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD75s cell surface antigen, an alpha 2,6 - sialylated carbohydrate epitope expressed by mature B cells (especially germinal centre B cells), red blood cells and some epithelial cells. Species: Human, pig. 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. Epstein, A. L. et al. (1984) Two new monoclonal antibodies (LN-1, LN-2) reactive in B5 formalin fixed, paraffin embedded tissues with follicular centre and mantle zone human B lymphocytes and derived tumors. J.Immunol. 133 (2): 1028 - 1036. 2. Tanimoto, T. & Ohtsuki, Y. (1996) Evaluation of antibodies reactive with porcine lymphocytes and lymphoma cells in formalin-fixed, paraffin embedded, antigen- retrieved tissue sections. Am. J. Vet. Res. 57: 853-859. 3. Schwartz-Albiez, R. (2002) Carbohydrate and lectin: sections report in Leucocyte Typing VII: white cell differentiation antigens. Edited by Mason, D. et al.Oxford University Press. PP149-164.