

SM583**Monoclonal Antibody to Lymphocytes - Ascites**

Quantity:	0.25 ml
Background:	The antigen is anchored to the cell membrane via phosphatidyl-inositol linkage and mediates T-cell activation ("guinea pig T-cell activation antigen"). The antigen is also associated with lymphocyte adhesion and homing.
Host / Isotype:	Mouse / IgG3
Clone:	CT4
Immunogen:	Peritoneal T-cells. Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.
Format:	State: Liquid Ascites Buffer System: Containing 0.09% Sodium Azide
Applications:	Immunohistochemistry on frozen sections: 1/100 - 1/1000. Flow Cytometry: 1/100 - 1/1000; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with a 32-36 kDa glycoprotein, a membrane protein expressed on guinea pig lymphocytes and Langerhans cells. Species: Guinea 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. Tan et al. (1985) Hybridoma 2: 115 - 124. 2. Kraal et al. (1986) Eur. J. Immunol. 16: 151 - 1519. 3. Schafer et al. (1991) Eur. J. Immunol. 21: 701 - 705.