

## Monoclonal Antibody to Lymphocytes - Supernatant

<b>Catalog No.:</b>	SM2192
<b>Quantity:</b>	2 ml
<b>Concentration:</b>	11.3 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	MsGp2
<b>Immunogen:</b>	Nylon wool adherent B cells. <b>Remarks:</b> Spleen cells from immunised BALB/c mice were fused with cells from the NS1 mouse myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid Tissue Culture Supernatant containing 0.09% Sodium Azide
<b>Applications:</b>	<b>Immunohistochemistry on Frozen Sections.</b> Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts with an antigen on the majority of T and B lymphocytes and thymocytes, although the antigen is not expressed by germinal centre cells of the lymph node. MSgp2 reacts strongly with epidermal Langerhans cells, giving a superior profile than anti-MHC Class II antibodies on these cells. MSgp2 has the same distribution as monoclonal antibody CT4 which detects an antigen reportedly involved in the organ non-specific trafficking of guinea pig lymphocytes. However, unlike CT4, MSgp2 does not functionally inhibit lymphocyte adherence to high endothelial venules in vitro. <b>Species:</b> Guinea Pig. Other species not tested.
<b>Storage:</b>	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.
<b>General Readings:</b>	1. Healey DG, Baker D, Gschmeissner SE, Turk JL. An antigenic determinant common to lymphocytes and Langerhans cells of the guinea pig. <i>Int Arch Allergy Appl Immunol.</i> 1987;82(2):120-4. PubMed PMID: 2433227. 2. Kraal G, Twisk A, Tan B, Scheper R. A surface molecule on guinea pig lymphocytes involved in adhesion and homing. <i>Eur J Immunol.</i> 1986 Dec;16(12):1515-9. PubMed PMID: 3816932. 3. Baker D, Parker D, Healey DG, Turk JL. Induction of sensitization and tolerance in contact sensitivity with haptenated epidermal cells in the guinea-pig. <i>Immunology.</i> 1987 Dec;62(4):659-64. PubMed PMID: 2448230.