

## Monoclonal Antibody to T Cells / Thymocytes - Supernatant

<b>Alternate names:</b>	T Lymphocytes, T-Cells, T-lymphocytes
<b>Catalog No.:</b>	SM2194
<b>Quantity:</b>	2 ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	MsGp12
<b>Immunogen:</b>	Guinea pig Thymocytes. Spleen cells from an immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid Tissue Culture Supernatant <b>Buffer System:</b> 0.2M Tris/HCl pH 7.2 <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>Flow Cytometry.</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 the majority of cortical thymocytes and a major population in the medulla. In lymph nodes MSgp12 positive cells are found in the follicles and a major population of cells are labelled in the T dependent areas. 60% of lymph node T cells are labelled. The antigen recognised may be the Guinea Pig homologue of Human CD4. Although this antibody fails to inhibit T helper function in vitro, MSgp12 positive cells are the responder population in a Mixed Lymphocyte Reaction. <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. Tohda Y, Muraki M, Kawai A, Iwanaga T, Kubo H, Fukuoka M, et al. Inhibitory effect of TMK-688 on late asthmatic responses as well as T-cell and eosinophilic infiltration in guinea pigs with asthmatic reactions. Int J Immunopharmacol. 2000 Feb;22(2):123-30. PubMed PMID: 10684996.