

Monoclonal Antibody to T Cells / Thymocytes - Supernatant

Alternate names:	T Lymphocytes, T-Cells, T-lymphocytes
Catalog No.:	SM612
Quantity:	2 ml
Host / Isotype:	Mouse / IgG1
Clone:	KEN-5
Immunogen:	Rabbit Thymocytes. Spleen cells from immunised BALB/c mice were fused with cells of the PAI mouse myeloma cell line.
Format:	State: Liquid Tissue Culture Supernatant Buffer System: Containing 0.1M Tris/HCl pH7.4 and 5-10% foetal calf serum and 0.09% Sodium Azide
Applications:	Flow Cytometry. Immunoprecipitation. Immunohistochemistry on frozen sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with T cells. Recognises more than 90% thymocytes and 40-45% mesenteric lymph node cells. The antibody immunoprecipitates a 67kDa protein from thymocytes. Little evidence of B-cell activity. This antibody was initially reported as recognising CD5, but does not bind to rabbit CD5 transfectants. Known rabbit CD5 antibodies also show binding to most B lymphocytes, which are not labelled by this clone. Species: Rabbit. Other species not tested.
Add. Information:	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.
Storage:	1. Kotani, M. et al. (1993) Generation and characterization of monoclonal antibodies against rabbit CD4, CD5 and CD11a antigens. J. Immunol. Methods. 157: 241 - 252. 2. Raman, C. and Knight, K.L. (1992) CD5+ B cells predominate in peripheral tissues of rabbit. J. Immunol. 149:3858 - 3864.

Pictures:

SM612 staining of rabbit peripheral blood lymphocytes, visualised with rabbit antimouse IgG: FITC (SP1012F)

