

Monoclonal Antibody to Guinea Pig CD8 -FITC

Catalog No.:	SM581F
Quantity/Conc.:	100 Tests, 1 ml / 0.1 mg/ml
Clone:	CT6
Host/Isotype:	Mouse IgG1
Immunogen:	Guinea pig peritoneal T-cells
Format:	This antibody is supplied as liquid, Protein A affinity purified immunoglobulin fraction, conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) in PBS with 0.09% sodium azide as preservative and 1% BSA as stabilizer.
Applications:	Flow cytometry: use 10ul of neat antibody to label 10^6 cells in 100 μ l. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
Specificity:	CT6 reacts with an antigen present on a subset of guinea pig T-lymphocytes with the same distribution as CD8 positive T-cells in man and mouse.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. This product should be stored undiluted. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

References:

1. Tan, B.T.G., Ekelaar, F., Luirink, J., Rimmelzwaan, G., De Jonge., A.J.R., and Scheper, R.J. (1985). Hybridoma 4: 115-124.
2. Steerenberg, P.A., Geerse, E., De Jong, W.H., Burger, R., Scheper, R.J. and Den Otter, W. (1991). Tumour rejection after transfer of line 10 immunity is mediated by two T-cell populations. Cancer Immun. Immunother. 34: 103-110.
3. Steerenberg, P. A., De Jong, W.H., Elgersma, A., Burger, R., Poels, L.G., Claessen, A.M.E., Den Otter, W., and Ruitenber, E.J. (1990). Tumour infiltrating leucocytes (tils) during progressive tumour growth and BCG - mediated tumour regression. Virchows Archiv Cell Pathol. 59: 185-194.
4. Baker, D., Karcher, K., Antonius, A.V., Turk, J.L., Tan, B.T.G. and Schper, R.J. (1987). Changes in lymphocyte subsets after treatment with cyclophosphamide and during the development of contact sensitivity in the guinea pig. Int. J. Immunopharma. 9: 175-183.
5. Antoniou, A.V., Parker, D., Turk, J.L., Tan, B.T.G. and Scheper, R.J. (1986). Immunocytochemical identification and quantiation of mononuclear cells in the meninges during the development of Chronic Relapsing Experimental Allergic Encephalomyelitis (CREAE) in the guinea pig. Cellular Immunology 97: 386-396.
6. Liversidge, J., Thomson, A.W., Sewell, H.F. and Forrester, J.V. (1987). EAU in the guinea pig: inhibition of cell-mediated immunity and Ia antigen expression by cyclosporin A. Clin. Exp. Immunol. 69: 591-600.
7. Liversidge, J. and Forrester, J.V. (1988). Experimental autoimmune uveitis (EAU): Immunophenotypic analysis of inflammatory cells in chorio retinal lesions: Current eye research 7: 1231-1240.
8. Debout, C., Griveau, A.M., Izard, J. (1991). The Kurloff Cell in Estrogenized guinea pigs as a CT7+ 8BE6-CT6-MR-1-CT10-IgM-lymphocyte with natural killer activity. Natural Immunity and Cell Growth Regulation 10: 327-335.

SM581F/ME0803

For research and *in vitro* use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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