
Monoclonal Antibody to CD4 -FITC

Catalog No.:	SM588F
Quantity/Conc.:	100 Tests / 0.1 mg/ml
Clone:	vpg 34
Host/Isotype:	Mouse IgG1
Immunogen:	Immunoaffinity purified feline CD4
Format:	This antibody is supplied as liquid, purified immunoglobulin fraction, conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC), in PBS buffer with 0.1% sodium azide as preservative and 1% BSA as stabilizer. FITC : Protein (molar ratio): 5.7 : 1.0
Applications:	Flow cytometry: use 10 µl of neat (-1/10) antibody to label 10 ⁶ lymphocytes. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
Specificity:	vpg 34 recognises the feline homologue of the human CD4 antigen.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
References:	<ol style="list-style-type: none">1. Willett, B.J., de Parseval, A., Perl, E., Rocchi, M., Hosle, M.J., Randall, R., Klatzmann, D., Neil, J.C. and Jarrett, O. (1994). The generation of monoclonal antibodies recognising novel epitopes by immunisation with solid matrix antigen-antibody complexes reveals a polymorphic determinant on feline CD4. <i>J. Immunol. Methods.</i> 176: 213-220.2. Willett, B.J., and Callanan, J.J. (1995). The expression of leucocyte differentiation antigens in the feline immune system., p 3-15. In B.J. Willett and O.J. Jarrett (eds). <i>Feline Immunology and Immunodeficiency.</i> Oxford University Press, Oxford.3. Callanan, J.J., Racz, P., Thompson, H. and Jarrett, O., (1993). Morphologic characterization of the lymph node changes in feline immunodeficiency virus infection as an animal model of AIDS., P. 115-136. In P. Racz, N. L. Letvin, and J.C. Gluckman (eds), <i>Animal models of HIV and other retroviral infections.</i> S. Karger, Basel, Switzerland.

SM588F/ME0402

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.

Antibody Hotline - Technical Questions - Antibody Location Service
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