

Monoclonal Antibody to Ovine CD4 - FITC

Catalog No.:	SM2059F
Quantity/Conc.:	0.1 mg / 0.1 mg/ml
Clone:	44.38
Immunogen:	Fetal thymocytes
Host/Isotype:	Mouse IgG2a
Format:	This antibody is supplied as liquid, Protein G affinity purified IgG fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC), in PBS pH7.4 with 0.09% Sodium Azide as preservative and 1% BSA as stabilizer.
Applications:	Flow Cytometry (Neat – 1:10, use 10ul to label 1×10^6 cells in 100ul). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes the ovine CD4 cell surface glycoprotein, which is expressed by a subset of mature T lymphocytes. Other species not tested.
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. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
References:	<ol style="list-style-type: none">1. Maddox, J. <i>et al.</i> (1985). Surface antigens, SBU-T4 and SBU-T8, of sheep T lymphocyte subsets defined by monoclonal antibodies. <i>Immunology</i>. 55: 739 - 748.2. Mackay, C. <i>et al.</i> (1986). Three distinct subpopulations of sheep T lymphocytes. <i>Eur. J. Immunol.</i> 16: 19 - 25.3. Mackay, C. <i>et al.</i> (1987). A monoclonal antibody to the p220 component of sheep LCA identifies B cells and a unique lymphocyte subset. <i>Cell. Immunol.</i> 110: 46 - 55.4. Mackay, C. <i>et al.</i> (1986). Thymocyte subpopulations during early fetal development in sheep. <i>J. Immunol.</i> 136 (5): 1592 - 1599.

SM2059F/CH0405

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
Free Call: 0800-2274746 (Germany only)
service@acris-antibodies.de

www.acris-antibodies.com